iLiad User Manual

For software version 2.11

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1 Preface

Welcome to the world of electronic reading and digital writing!

Read and writing on an electronic medium is a young and growing technology, with new features and opportunities for new applications arriving in the months to come.
For iRex to provide this additional service, you will need to create a user account.

Once it has been set up, you can use your iLiad to:

- Get software upgrades
- Download the latest User Manual and Quick Reference Guide
- Store content in your personal secure library (planned).
- Share content with other ILiad's or accounts (planned).
- And many more to follow …

After you have acquainted yourself with your iLiad it is important to create an account to download free new software upgrades directly to your iLiad.
Please go to www.iRexTechnologies.com and click the link 'Create account here' and follow the steps described.

By creating this account on the iRex Technologies website, you will have created your own secure place in the world of interactive reading and digital writing. Your iLiad will then be able to connect to your account for software upgrades once you have created a network profile.

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For more information about the network configuration please consult the manual. You can also follow the network configuration wizard under the menu key (second key on the top left corner) or for more information please go to http://www.iRexTechnologies.com/

Combined with new applications and features your iLiad becomes an even more powerful and convenient tool that will enhance your electronic reading and digital writing experience.

Pictures in this manual may differ from current software version

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2 Safety and Cleaning information

2.1 Important Safety Instructions

Guidelines

- Please read this manual carefully before using the iLiad.
- The product should only be connected and used in the way described in this manual.
- The most recent downloads and information are available at our website: www.iRexTechnologies.com
- The outer layer of the display is a hard PET layer and is scratch resistant, but if handled roughly it can still be damaged.
- The operation and function can be either viewer or content dependant:
  - ⇒ The speed of the device is content dependant. The content is processed on your device to optimize screen performance.
  - ⇒ If the content or the viewer does not support a feature, the device cannot provide that feature. Some providers/viewers will deliver more features then others.
- Operating temperature is 0°C to 50°C (32F to 122F)
- Storage temperature is –20°C to 70°C (-4F to 158F)

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Precautions

- AVOID APPLYING EXCESSIVE FORCE TO THE DISPLAY. The device uses a **Glass** based display and is thus liable to break if mistreated.
- NEVER OPEN THE DEVICE AS THIS WILL INVALIDATE ANY WARRANTY OR MANUFACTURER'S RESPONSIBILITY. Please Contact your iRex Technologies retailer if you have any technical difficulties, we are always glad to help.
- Do not expose the system to excessive moisture, rain or heat sources caused by heating equipment.

Disclaimer

- While every effort has been made to ensure that the information contained in this guide is accurate and complete, no liability can be accepted for any errors or omissions. iRex Technologies reserves the right to change the specifications of the hardware and software described herein at any time without prior notice.
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2.2 Cleaning Instructions

Follow these general rules when cleaning the outside of your iLiad and its components:

- Make sure your iLiad is unplugged
- Use a damp, soft, lint-free cloth
- Avoid getting moisture in openings
- Don’t use aerosol sprays, solvents, detergents, alcohol or abrasives

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3 Components list

	iLiad (includes CF- and SD protection cover, stylus)
	Travel hub
	International Power adaptor + 3 plugs
	USB-cable

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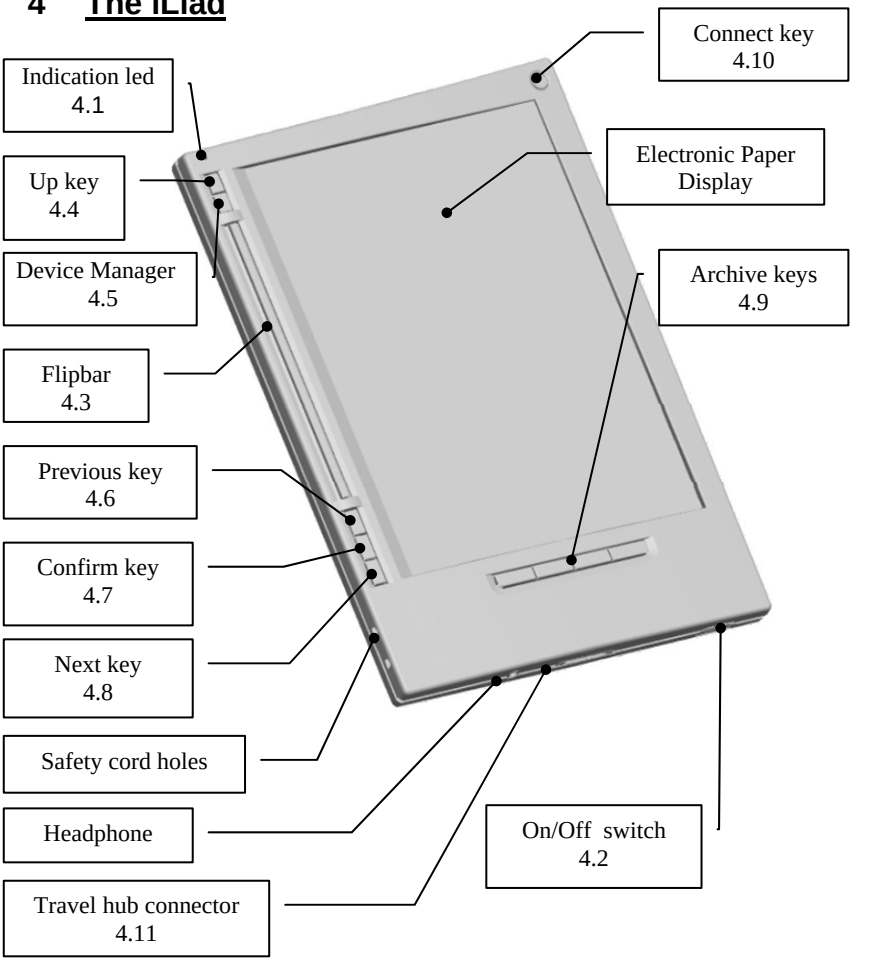
4 The iLiad



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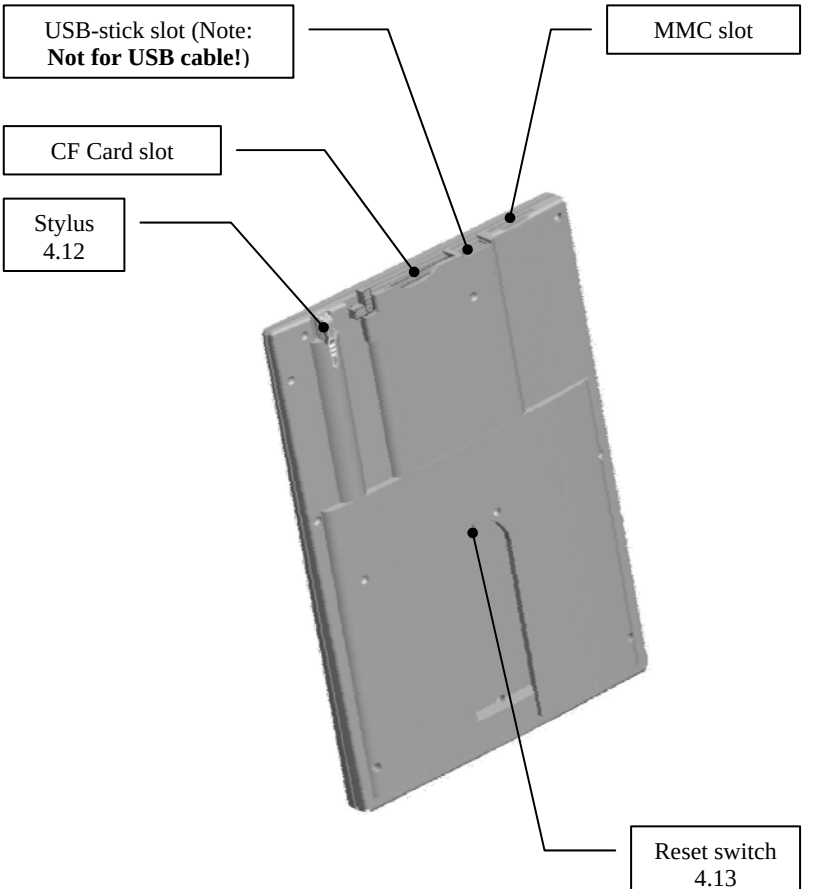

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4.1 Indication LED

- Green LED: the iLiad is processing.
- Red LED: the battery of the iLiad is charging
- The LED will burn orange if both the red and green colour is activated.

4.2 On/Off Switch

- Slide switch to left and hold for 2 seconds to turn device on
- Slide switch to left and let go to turn device off.

Note: Power management is being developed and will greatly enhance the performance of the device. But for now it is best to turn your device off after use.

4.3 Flipbar

- Turn Flipbar to the left to turn a page/screen to reach next content.
- Turn Flipbar to the right to turn a page/screen to reach previous content.
- Hold Flipbar to the left or right for 2 seconds to skip 5 pages/screens.

Tip: You can configure the flipbar direction for turning pages/screens in the iLiad Settings.

4.4 Up Key

- This key functions as a back function and allows you to go back through the content or hyperlinks and close an opened document. Hold the Up-key to jump to the first link.

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4.5 Device Manager Key

- Press this key to open the device manager which contains the iLiad Settings, iLiad Profiles, Reference Material, Recent Documents, CF Card, MMC Card, USB and Main Memory.
- Hold the key for 2 seconds to show recent documents.

4.6 Previous Key

- Press this key to jump to previous hyperlink or section.
- Press the Previous key for 2 seconds to jump to the first hyperlink of the content.

4.7 Confirm Key

- Press this key to open your selected hyperlink or section.
- Hold this key for 2 seconds to change the way the content is displayed on the screen. (This is a content dependant function: e.g. Newspapers)

4.8 Next Key

- Press this key to jump to the next hyperlink or section.
- Hold the Next-key for 2 seconds to jump to the last hyperlink or section of the content.

4.9 Archive Key

- Pressing on one of these keys, retrieves the list of items stored in the corresponding archive.
- Pressing it again will open and display the last viewed file.

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4.10 Connect Key

- Press this key to display the Download History on the screen.
- Press this key for 2 seconds to make connection to the iRex Delivery Service (iDS).

4.11 Travel Hub Connector

- Connect the travel hub cable to the iLiad with the arrow pointing to the back of the iLiad.

4.12 Stylus

- With the stylus you can select entry fields and click on soft-buttons.
- Via the toolbar functions you can convert the stylus into the appropriate tool.

For Example: you can convert the stylus into a pen tool or an eraser by clicking on the appropriate icon in the toolbar.

4.13 Reset Switch

- If the device no longer responds anymore this switch turns the iLiad off. Afterwards you can turn the iLiad back ‘on’ by using the ‘on/off switch’.

CAUTION: Please make sure the iLiad is NOT **reset** while new software is being installed. If the installation is interrupted the iLiad may be programmed with incomplete software rendering it unusable.

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5 Travel Hub

The travel hub can be connected with the attached cable to the travel hub connecter (4.11) of the iLiad.
The travel hub is used to make different type of connections with the iLiad: power, network and USB.

5.1 Power Cable Connection

- To recharge the iLiad connect the power cable to the travel hub (and the travel hub to the iLiad).
- The led on the iLiad will turn red to indicate that the battery is recharging.
- A complete empty battery will take +/- 2 hours to recharge.

5.2 Network Connection

- To make a wired network connection, connect an Ethernet cable to the travel hub (and the travel hub to the iLiad).
- The green led on the Ethernet cable connector will turn on to indicate there is a physical network connection.
- The orange led on the Ethernet cable connector will blink orange when there is data traffic.

5.3 USB Connection

- To make a connection to your PC, connect the USB cable to the travel hub (and the travel to the iLiad).
- Your iLiad will lock and the screen will show the message: *Connected to PC.*
- Disconnected your iLiad by stopping the USB device on your PC first and wait for the iLiad to unlock.

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Note: Make sure the iLiad has completed the start up process before making an USB connection with the PC, otherwise the iLiad might not be properly recognized by the PC.

6 Power Adaptor

- Input: 100-240V/ 400m/A
- Output: 12.0V. 1.2A max

Note: Any DC adaptor with an output voltage range between 10 and 18 V can be used. Observe the polarity requirements for proper operation (centre pin is positive). The adaptor must provide a minimum of 12 Watts.

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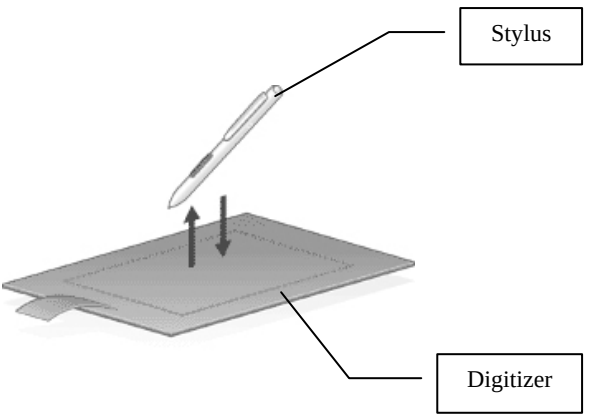
7 The Stylus

The iLiad is equipped with a stylus and digitizer developed by Wacom and utilizes Penabled®. This technology is based on the EMR technology (Electro-Magnetic Resonance) send and position sensing method.

The stylus slot on the back of the iLiad (4.12) has a sensor inside and upon removal of the stylus the digitizer will be activated. This digitizer is a sensor board behind the Electronic Paper Display that will communicate with the stylus to track the position; therefore it will not detect a passive stylus or a touch of your finger.



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The digitizer will automatically go into low-power mode when the stylus is not close to the screen. If the stylus comes close to the screen, the digitizer will wake up automatically.

Note: If you put the stylus on top of the screen, the digitizer will consume power because the pen point is near the digitizer. It is best to always put the stylus into the iLiad after each use to save battery life.

Note: If the tip of your stylus does not match with the position on the screen (e.g. when taking notes), you can improve the precision by using the Stylus Calibration function.
For more details about this, see settings chapter 10.2 to calibrate stylus.

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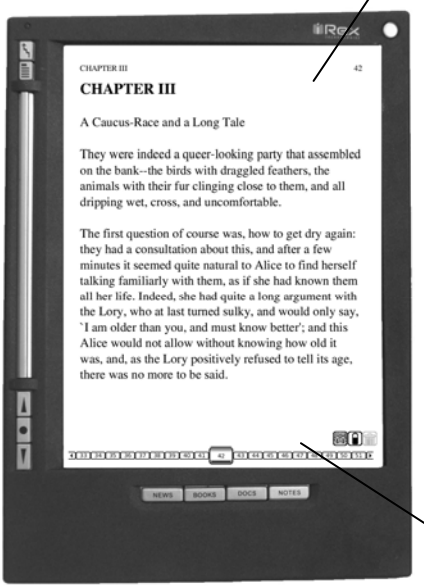
8 The User Interface

The display area is divided into two sections. The main and larger part of the screen is for reading and writing, on the lower part of the screen is where the feature finder is situated.


iRex
CHAPTER III
42
CHAPTER III
A Caucus-Race and a Long Tale
They were indeed a queer-looking party that assembled on the bank--the birds with draggled feathers, the animals with their fur clinging close to them, and all dripping wet, cross, and uncomfortable.
The first question of course was, how to get dry again: they had a consultation about this, and after a few minutes it seemed quite natural to Alice to find herself talking familiarly with them, as if she had known them all her life. Indeed, she had quite a long argument with the Lory, who at last turned sulky, and would only say, `I am older than you, and must know better'; and this Alice would not allow without knowing how old it was, and, as the Lory positively refused to tell its age, there was no more to be said.
NEWS
BOOKS
DOCS
NOTES

8.1 Reading/writing area

8.2 Feature Finder

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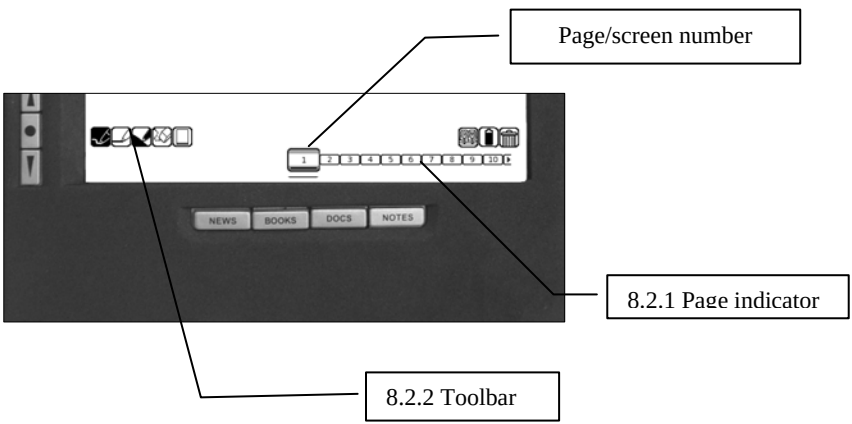
8.1 Reading/writing Area

The main part of the screen is for reading and writing and interactivity in this area is content related.

8.2 On-screen Feature Finder.

The feature finder is the area below the reading area and is divided into two sections; the content indicator and the toolbar. The feature finder displays information and enables user interactivity with the stylus to operate the extra features of the device.



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8.2.1 Page Indicator

- The page indicator will show the amount of pages a document is composed off and indicates the current page number slightly larger.
- If a document cannot provide page breaks to the iLiad (like an HTML file). A black bar will be displayed under the current page number. This bar will indicate the progress in this type of document.
- The page indicator has two modes. One mode showing all pages and one mode showing the 20 nearest pages. To switch between these modes click the page indicator with the stylus.
- To navigate through a document you can use the stylus to jump immediately to the desired position in accordance with the page indicator or you can use the flipbar to turn the pages.

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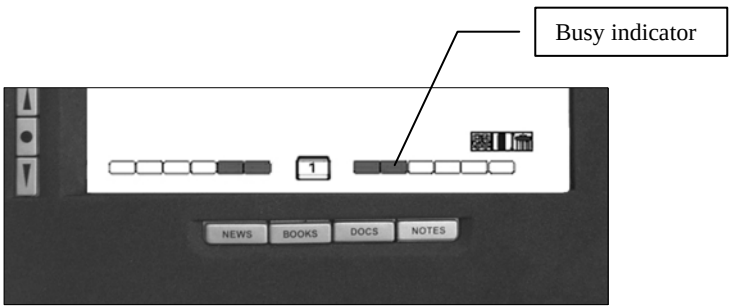
8.2.1.1 Busy Indicator

When opening a document the page indicator will be shown as the busy indicator which will indicate the iLiad is processing the operation.



8.2.2 Toolbar

The toolbar is divided into two types of tools.

- The icons displayed in the toolbar on the left side of the screen are viewer dependent tools; this means these icons may be available in some viewers and not in others.
- The icons displayed in the toolbar on the right are system tools.
- To activate a function of the toolbar, click on the icon to convert the stylus into the chosen tool.
- Click on the icon again to convert the stylus back to its original function.

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- While a function is active the image of the icon will be inverted.
- When a function is not available, the icon will be greyed out.

8.2.2.1 Rename File

- To rename a file click on the rename file icon, than select a file by clicking on it with the stylus.

- In the first field enter the new name you want to use for the file using the keyboard.
- In the second field enter a description of the file.
- When done click on the rename file icon again to close the dialog box.

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Note: The rename function is only possible on files formatted to the iLiad structure. To reformat files to iLiad structure, open them first before renaming.
Note: It is not possible to rename single files (like the notes templates)

8.2.2.2 Activate Keyboard

- To activate the keyboard click on the activate keyboard icon
- An onscreen keyboard will appear in the lower area of the screen. With the Move up soft key on the keyboard you can move the keyboard to the top area of the screen.
- With the stylus you can click on the soft keys of the keyboard to enter data on the iLiad.
- To deactivate click on the inverted active keyboard icon
- The keyboard has 2 different modes: Keyboard, Writepad.

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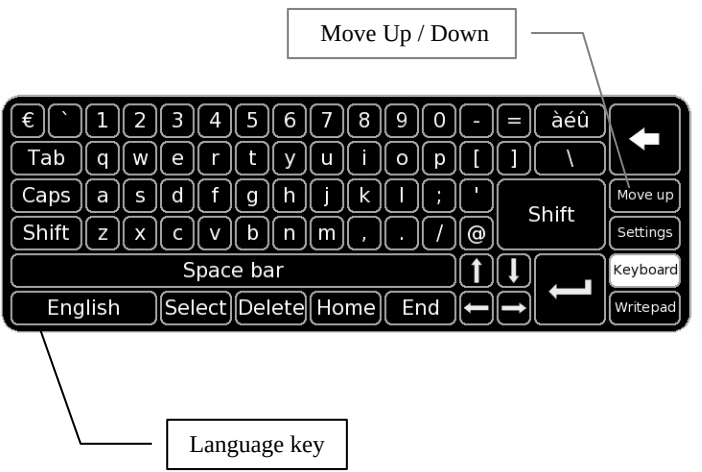
8.2.2.2.1 Keyboard

- This is the default mode and method to enter data into text fields on the iLiad.
- With the Move up / Down soft key you position the keyboard at the lower or upper area of the screen.
- With the Language soft key you can change the language of the keyboard.

Note: Currently only English (UK) and Simplified Chinese is supported.


Move Up / Down
€ ` 1 2 3 4 5 6 7 8 9 0 - = àéû
Tab q w e r t y u i o p [ ] \
Caps a s d f g h j k l ; '
Shift z x c v b n m , . / @
Shift
Space bar
English
Select
Delete
Home
End
Move up
Settings
Keyboard
Writepad
Language key

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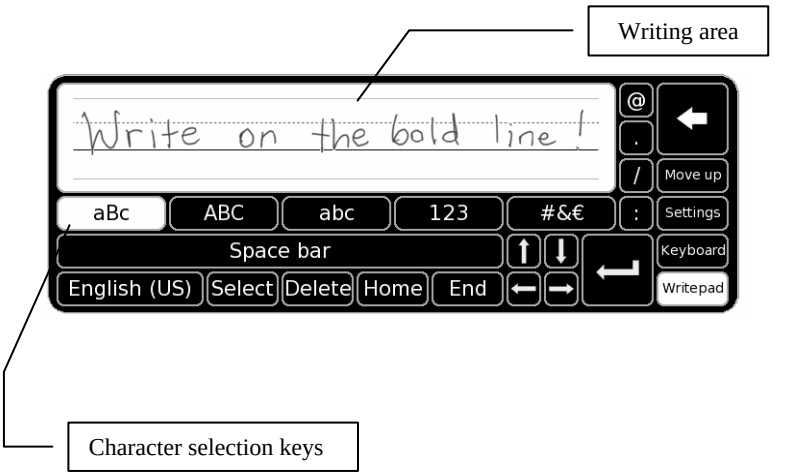
8.2.2.2.2 Writepad

- The writepad is an alternative way to enter data into a text field on the iLiad.
- To activate the writepad click on the writepad soft key on the keyboard.
- In the writing area you can write the text you want to enter into the entry field. The handwriting will automatically be recognised and entered into the entry field.
- With the character selections keys you can change the type if characters you want to input.



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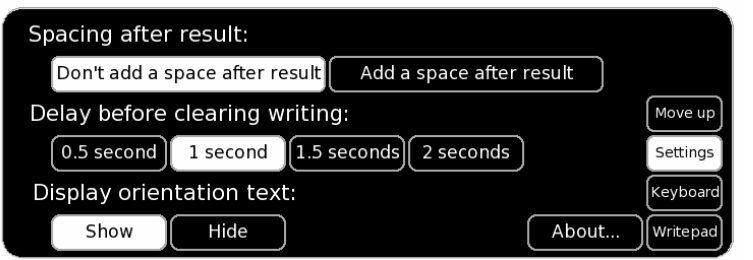
8.2.2.2.3 Settings

- To change the settings of the writepad click on the Settings soft key on the keyboard.
- In the settings you can change the settings of the writepad for handwriting recognition.
- To return to the keyboard or writepad click on the corresponding soft key.



8.2.2.3 Key Lock

- To lock the keys of the iLiad, click on the key lock icon, to indicate the keys are locked the icon will be inverted.
- To unlock the keys of the iLiad, click again on the key lock icon.

8.2.2.4 Lock Screen

- To use the lock screen function you need to have PIN code protection enabled.
- You can enable PIN code protection in the iLiad settings (See Chapter 10.10)

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- The lock screen icon will be gray if the PIN code protection is not enabled.
- Click on the lock screen icon to lock your iLiad.
- To unlock the iLiad enter your PIN code with the Stylus.

8.2.2.5 Background Connect

- To make a manual background connection to the iDS or a Computer press the background connect icon.
- The icon will be inverted to indicate the iLiad is making a background connection, and will remain inverted while the background connection is active.

8.2.2.6 New content

- If any content was downloaded during a connection with iDS or your PC it will be indicated with the new content icon.
- To see the downloaded content, press on the new content icon.

8.2.2.7 Battery Status Indicator

- The battery status indicator will show the current status of the battery.
- A warning will be displayed when the battery is low
- The iLiad will auto-shutdown when the battery is almost empty.

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8.2.2.8 Delete File

- To erase a file click on the delete file icon.
- Click with the stylus on the file to delete. You can delete up to 6 files at one go.
- To indicate you have selected the file the cursor will blink from left to right.
- Click on the delete file icon again to confirm your selection and to delete the file.
- If you want to delete more than 6 files repeat the process from step 1.

8.2.2.9 Pen Tool

- Click on the pen tool icon to convert your stylus into a pen with which you can write or draw.
- To deactivate the pen click on the inverted pen tool icon.
- When you make notes or drawing, the original document and the annotations will be saved in a new document.
- New documents created by annotations will have the same name as the original followed by the date and time.
- When you make annotations in PDF the annotations will be saved along with the original document.
- The pen tool has 2 submenu's
    - Pen thickness
    - Pen colour

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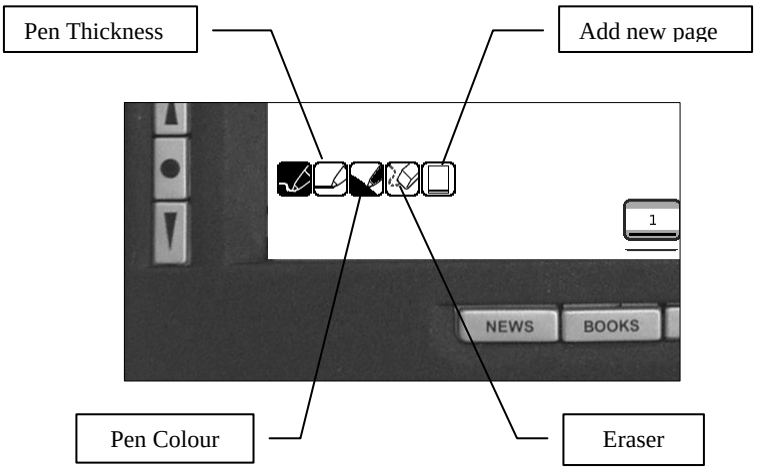

8.2.2.9.1 Pen Thickness

- Click on the pen thickness icon to access the pen thickness submenu.
- The pen thickness submenu will display 4 different pen thickness:
  - 1 Pixel
  - 3 Pixels
  - 5 Pixels

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- o 7 Pixels

- The selected pen thickness icon will be inverted to indicate the current thickness of the Pen.
- The submenu will close automatically after a selection is made.

8.2.2.9.2 Pen Colour

- Click on the pen colour icon to access the pen colour submenu
- The pen colour submenu will display 4 different pen colours:
  - o Black
  - o Dark Grey
  - o Light Grey
  - o White
- The selected pen colour icon will be inverted to indicate the current colour of the pen.
- The submenu will close automatically after a selection is made.

8.2.2.10 Eraser

- Click on the Eraser icon to convert your stylus into an eraser.
- Use the stylus to erase your notes or drawings (the drawing will only be erased partially, press on the eraser icon again to completely erase the drawing).

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- The eraser icon will be inverted to indicate the eraser has been selected

8.2.2.11 New Page

- Click on the New Page icon to add an additional page to the current document
- The new page will be a copy of the original page.
- You will see an additional page being displayed in the Page content indicator and the new page will be opened automatically.

8.2.2.12 Landscape view

- Click on the Landscape view icon to switch to landscape view. The page will be turned counter clockwise.
- To change back to portrait view click on the inverted landscape view icon.

8.2.2.13 Continuous Mode

- Click on the continuous mode icon to activate the continuous mode, the icon will be inverted to indicate that continuous mode is active.
- Continuous mode will display pages end to end in a continuous vertical reading order.
- To deactivate continuous mode click on the inverted continuous mode icon.

Tip: Enable continuous mode to easily read documents you have zoomed into or when reading in landscape mode.

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8.2.2.14 Fit to Screen

- Click on the Fit to Screen icon to fit the complete page of the document on the screen.
- All documents will automatically fit to screen when opened for the first time.

Note: When you have zoomed in to a certain area you can easily zoom out again with the Fit to Screen icon.

8.2.2.15 Zoom

- Click on the Zoom icon to active the zoom function. The icon will be inverted to indicate the zoom is selected
- After selecting the zoom icon, draw a, rectangle, straight or diagonal line with the stylus over the area you want to zoom in to.

Note: The zoom function will draw a rectangle around the coordinates that have been indicated with the stylus to decide the zoom area, so you can draw any type of figure like a circle, square or diagonal line.

8.2.2.16 Previous Zoom

- Click on Previous Zoom icon to go back to the previous zoom selection.
- The icon will be inverted to indicate that the previous zoom selection is displayed.

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- With this icon you can toggle back and forward between current and previous zoom selection.

8.2.2.17 Pan

- Click on the Pan icon to activate the panning function, the icon will be inverted to indicate the pan function is selected.
- After selecting the pan icon, you can use the stylus to pan the zoom area over the document. To do this click with the stylus on the area you want to pan and draw a line in the direction you want to pan to.
- To deactivate the pan function click on the inverted pan icon

Tip: To easily pan in horizontal or vertical direction use the stylus to draw a line along the top or left border of the display.

8.2.2.18 Backward / Forward

- Click on the Back icon to go back to the previous page view.
- With these icons you navigate back and forward between current and previous page views.

8.2.2.19 Search file

- To start a search for a file or files while in the content lister click on the search file icon. The search icon will be inverted while the search function is active.

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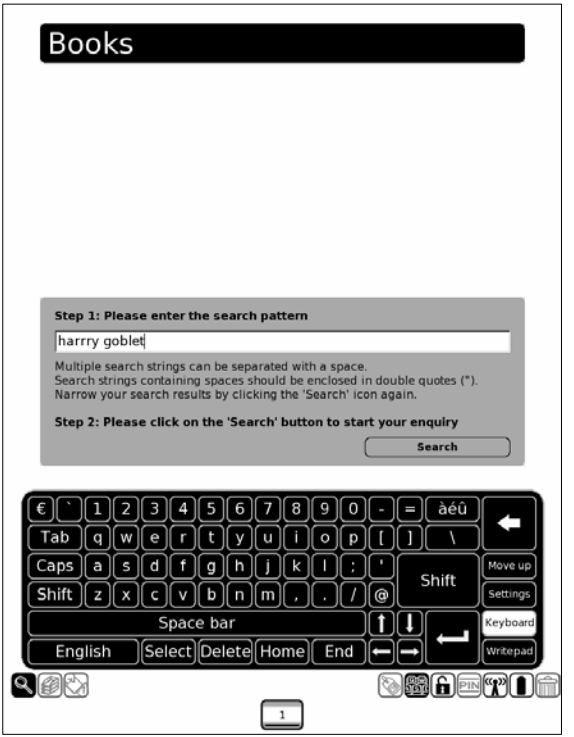

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- In the search field you enter the string you want to use to perform the search for a file or files. To use multiple strings separate them with a space.
- Click on Search to start the search, a list of search results will be displayed.
- To perform another search within the search result click on the Search file icon again.

Note: The search is limited to the location where the search is initiated. You can see the location you are searching in, in the title bar.

8.2.2.20 Sort files

- Click on the Sort Files icon in the content lister to access the sort files configuration.

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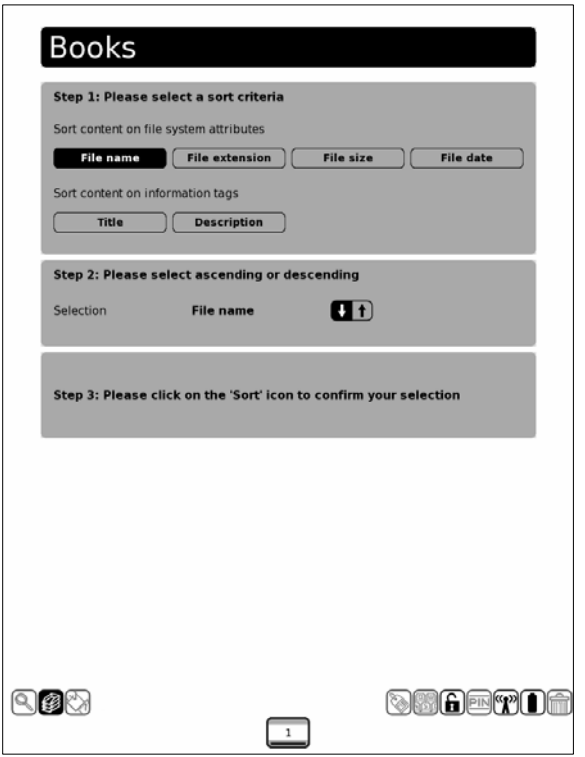

- In step 1 you can select your preferred sort criteria based on system attributes: File name, File extension, File size, File date or information tags: Title, Description.
- In step 2 you can select ascending or descending sort order by using the arrows.

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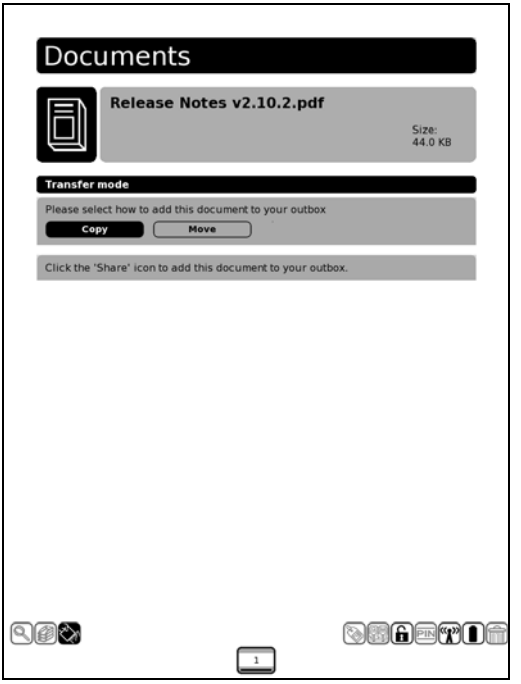
- To confirm, click on the sort icon again.
- Your files will now be sorted based on your selected criteria.

Note: The sort is limited to the location where it is initiated. You can see the location in the title bar.

8.2.2.21 Share file



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- To share a file, click on the share file icon, than select a file by clicking on it with the stylus.
- To indicate you have selected the file the cursor will blink from left to right.
- Click on the share file icon again to confirm your selection.
- Choose either Copy or Move
- Shared files will be copied or moved to the outbox folder on your iLiad. All files in the outbox will be transferred to your Computer during the next connection.

Note: To use this feature you need to install the iLiad Companion Software – See the iLiad Companion Software manual for more information on how to install and setup this software.

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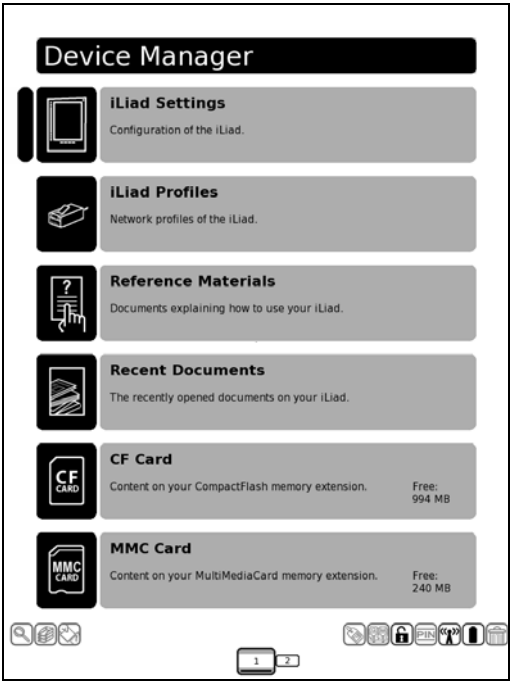
9 The Device manager.



screenshot of the new Device Manager

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9.1 iLiad Settings

The iLiad settings contain the different settings for configuring and personalizing your iLiad to your preference. (see chapter 10)

9.2 Network Profiles

In this section you will find a list of network profiles. You can create or edit a profile in this list (See chapter 11)

9.3 Reference Materials

Here you will find the user manual and quick reference guide. With each software release you will also receive the latest user manual and quick reference guide.

9.4 Recent Documents

Use this link to view your recently opened documents.

9.5 Compact Flash Card

Use this link to access the external memory provided in a Compact Flash Card.

9.6 Multi Media Card

Use this link to access the external memory provided in a Multi Media Card.

Note: In many cases SD cards can be used since they are compatible with MMC. However the maximum size of an MMC is 1GB. SD cards can be bigger but these can not be used in the

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iLiad since the addressing method is different than MMC in that case.

9.7 **USB** (page/screen 2)

Use this link to access the external memory supplied in an USB-stick.

Note: This USB connector is only suitable for a USB stick. It is not suitable for connecting to your computer via a USB cable.

9.8 Main Memory

The main memory contains the four archives (Newspapers, Books, Documents and Notes) and any other documents or folders that were created on the iLiad. This memory is used for easy file management from your PC.

Note: the device manager shows the free space on the storage locations (Internal memory, CF, MMC, USB).

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10 iLiad Settings

In the iLiad settings you can personalize your reader by setting your name, account information, language, volume and the like.

10.1 Start up settings

In the iLiad settings under Start-up Settings you can choose which document or folder the iLiad will show when starting up. For example you choose: ‘notes folder’, the next time you start your iLiad, it will show you the contents of the ‘notes folder’.

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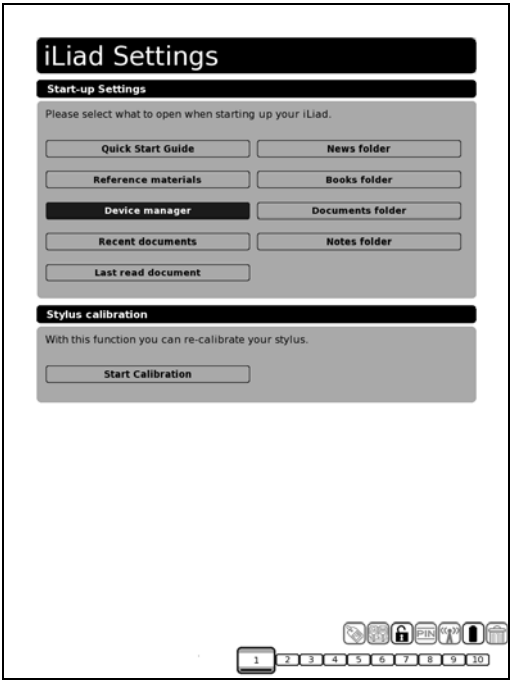

Note: The factory settings will show the Quick Reference guide at start up

10.2 Stylus Calibration

To calibrate the stylus select ‘start calibration’ on the settings start up screen.

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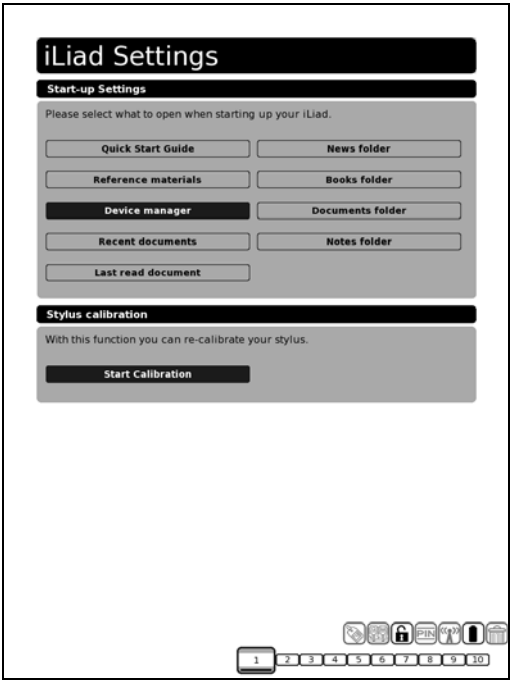

You will see the following screen (pag.51):

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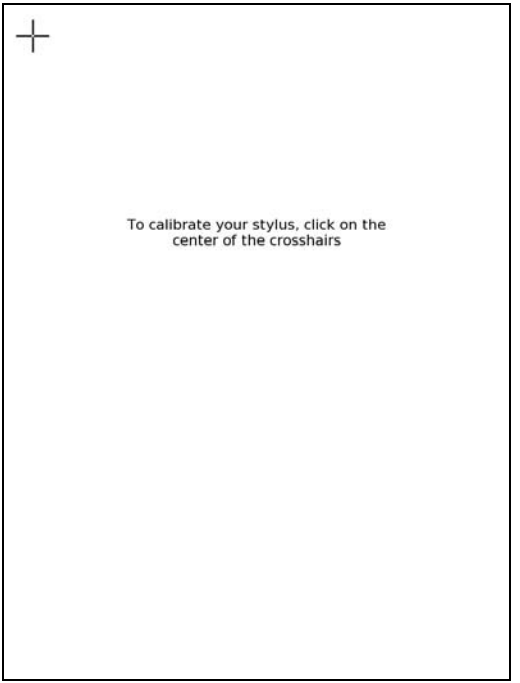

Step 1: Follow the onscreen guidelines: ‘to calibrate your stylus, click on the centre of the crosshairs’. When you click on the centre the screen will refresh and you will be asked to do the same action for every corner and finally the centre of the screen. (see following screenshots).

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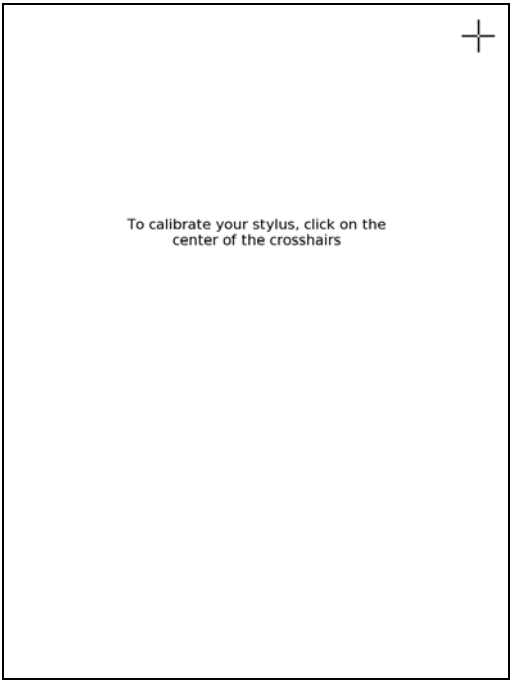

Step 2

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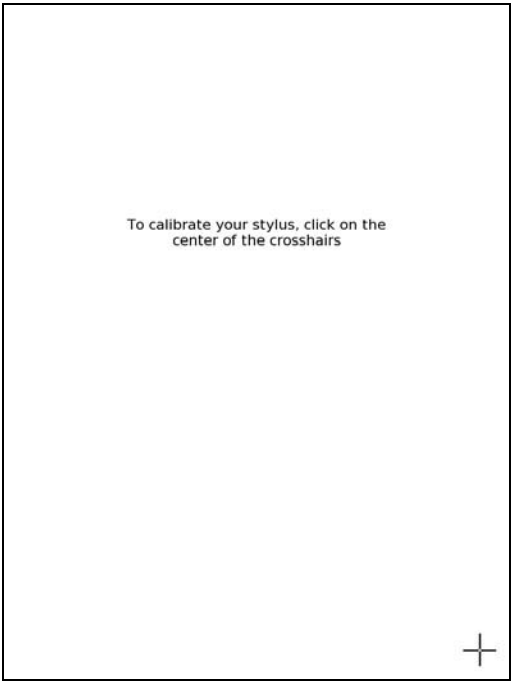

Step 3

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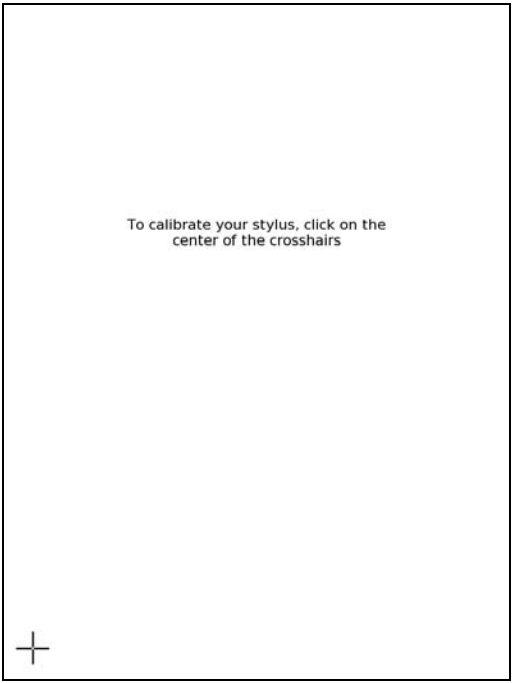

Step 4

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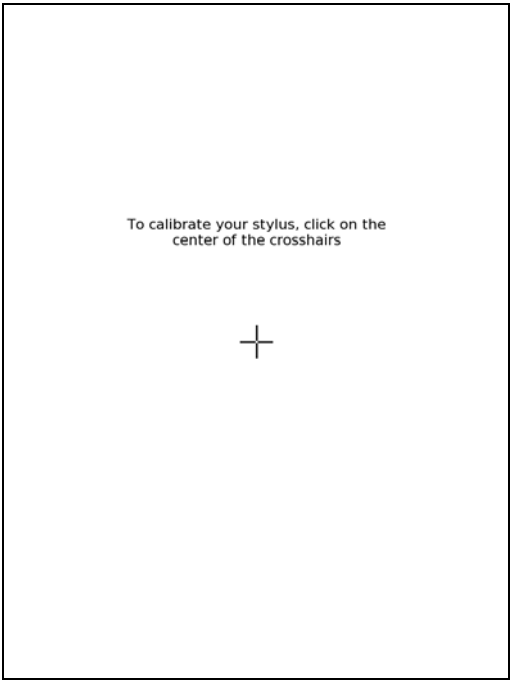

Step 5

After this step the start screen will appear, your stylus has been calibrated.

Note: the iLiad will not give any message stating that the calibration has finished, when the iLiad Settings screen reappears calibration was successful

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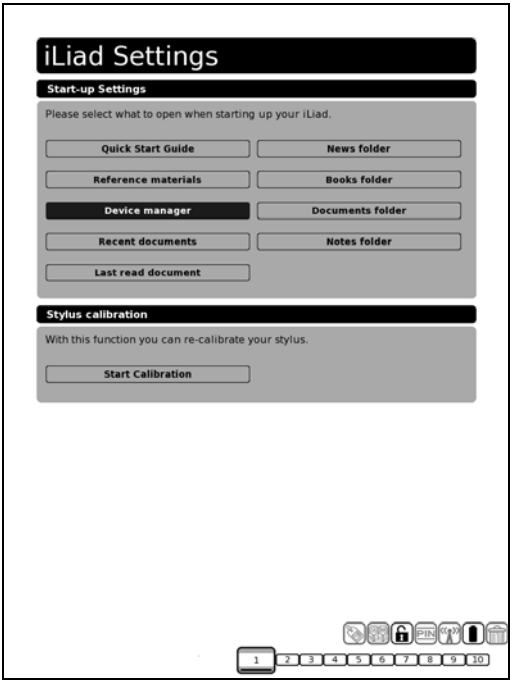

Start up screen Stylus Calibration

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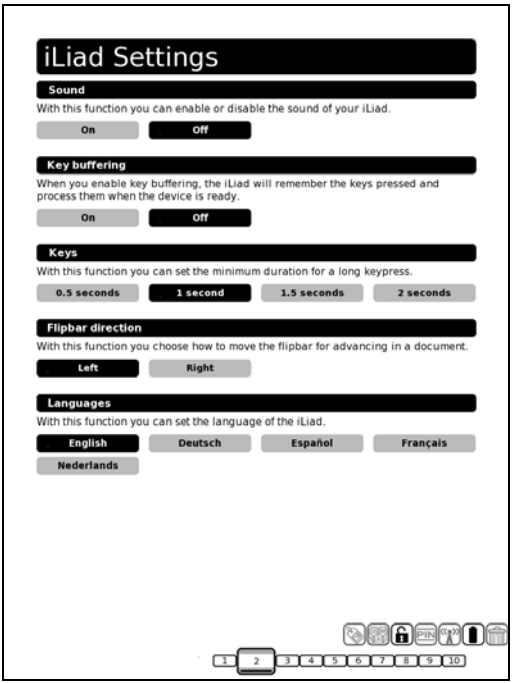
10.3 Sound

Here you can enable or disable the sound of your iLiad
If you have your sound turned on you will hear a soft click sound when pressing a button or using the stylus.
When the sound is turned off you will not hear these soft clicks.

Note: Disabling the sound will increase the average battery life.


iLiad Settings
Sound
With this function you can enable or disable the sound of your iLiad.
On
Off
Key buffering
When you enable key buffering, the iLiad will remember the keys pressed and process them when the device is ready.
On
Off
Keys
With this function you can set the minimum duration for a long keypress.
0.5 seconds
1 second
1.5 seconds
2 seconds
Flipbar direction
With this function you choose how to move the flipbar for advancing in a document.
Left
Right
Languages
With this function you can set the language of the iLiad.
English
Deutsch
Español
Français
Nederlands
PIN
1 2 3 4 5 6 7 8 9 10

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10.4 Key Buffering

Key Buffering is by default disabled. With Key Buffering off the iLiad will first process the requested operation before accepting any additional requests from key presses. We recommend this setting for new iLiad users.
If you enable key buffering, the iLiad will remember the keys pressed and process them when the device is ready.

10.5 Keys

Here you can select the minimum duration for a long key press.

Tip: If you often perform a long press by mistake we recommend to increase the minimum duration for a long key press.

10.6 Flipbar page forward

Here you can configure the direction of the flipbar to turn a page.

Select ‘Left’ to advance in content the way you flip pages in a book. To turn a page click the flipbar to the left.

Select ‘Right’ to advance in content the way you do in documents on a computer. To turn a page click the flipbar to the right.

10.7 Languages

Here you can set your preferred language of the iLiad.

Note: The user manual will change language according to the preferred language of the iLiad.

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Additional language options will become available in the near future.
Language selection screen appears before first use (out of the box use). See screenshot below:

Set English as the language for your iLiad
Ich möchte Deutsch als Sprache des iLiad
Seleccionar el idioma Español para su iLiad
Set French as the language for your iLiad
Kies Nederlands als taal voor uw iLiad

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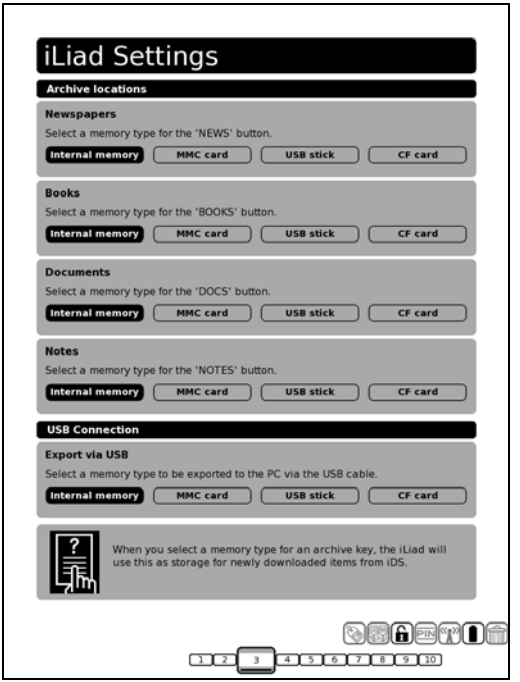

10.8 Archive locations

The archive keys News, Books, Docs and Notes are individually re-definable to a memory type (Internal memory, MMC card, CF card and USB stick).

After you select a memory type for an archive key, the folders books, documents, newspapers and notes are created automatically. In these folders you can organise your files. The

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next time you press on an archive key you will be linked to the set memory type.

Downloaded content items from the iDS will be automatically stored in the corresponding folder of the set memory type.

Remark:
When the memory extension is not available during a download from iDS, you will be notified by the system. Insert the required memory extension and press the connect button again.

Note:
- Files that are stored on the main memory of your iLiad must be moved via the PC and a card reader to the corresponding folder on the memory extension.

10.9 USB connection

Select a memory type (Internal memory, MMC card, CF card and USB stick) to be exported to the PC via the USB cable. The content on the selected memory type will show on your PC when you connect to the PC via USB cable.

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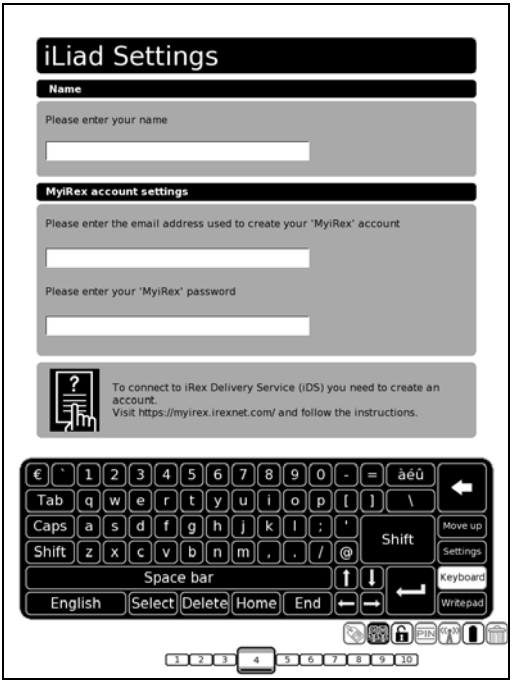
10.10 Settings for computer connection

In order to connect the iLiad with your Computer you need to configure the following settings.



10.11 Name

In this field you can enter any name you would like.

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10.12 Email

In this field you need to enter the email address you have used to create your account. (See chapter 12 for more info on account creation).

Note: Your email functions as your username of your account. This account info is used to connect to iDS to download software updates and content from your inbox.

10.13 Password

In this field you need to enter the password you have received in your email inbox when you created your account.

Note: If you have changed your password on MyIrex make sure you also change your password here.

10.14 PIN Code

With this function you can enable to protect your iLiad with a PIN code against unauthorized use.

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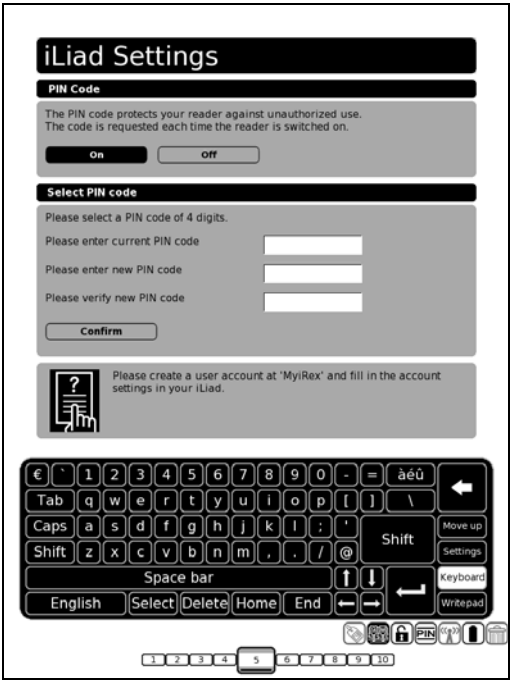

When PIN code protection is enabled you will need to enter the PIN code each time:

- the iLiad is switched on.
- you enter the iLiad settings.
- to unlock the device after locking it with the PIN Lock Screen icon.

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If you wish to enable PIN code protection select ‘On’, to disable PIN code protection select ‘Off’

Note: Factory Default PIN Code is 0000.

Note: In case you forget or loose your PIN Code you can reset your PIN Code via MyIrex (see Chapter 14 for more info).

Warning: Before you enable PIN Code protection make sure you have successfully configured an iLiad network profile or you will not be able to reset your PIN Code when needed.

10.15 Select PIN Code

If you have enabled PIN code protection you will need to enter a 4 digit PIN code in both fields and Click on ‘Confirm’ to confirm your new PIN code.

If you set a PIN code for the first time, the current PIN code will be the factory default PIN code which is 0000.

Warning: You can only enter the PIN code with the stylus. Make sure you always have the stylus available after enabling the PIN code protection.

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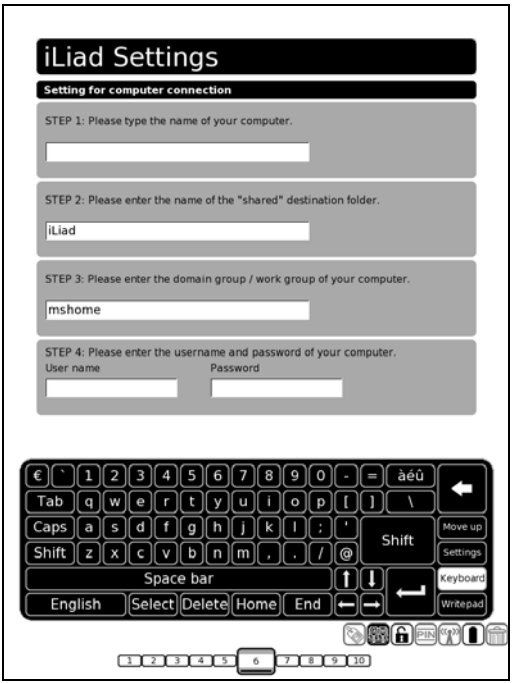

Step 1: In this field you have to enter the name of the computer you want to connect to.

Step 2: Enter the name of the shared destination folder into this field. This is a shared folder on your computer from which the iLiad will download and upload content from and to.

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Step 3: In this field, enter the name of the domain or workgroup of which your computer is part.

Tip: You can find out the name of your computer and/or network, by clicking on the settings icon of the iLiad Companion Software on your Computer and selecting the Device Settings.

Step 4: In these fields you need to enter the username and password of the computer you want to log on.

10.16 Background connect

With the background connect enabled the iLiad will connect to the iDS or a computer at a fixed interval to check for new content. Select whether to download content from the iDS or a Computer.

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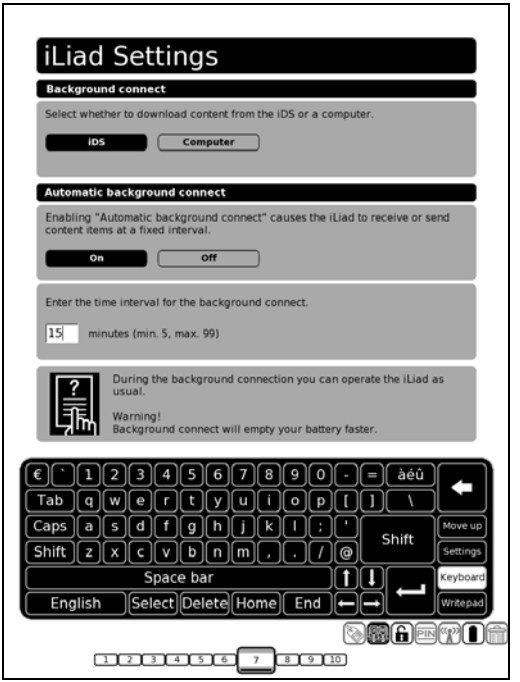

If you select ‘on’ you will need to select the time interval for the ‘Background connect’. The time selected is expressed in minutes and should be between 5 and 99.

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(e.g. If you enable ‘Background connect’ and select 15 as interval, the iLiad will connect to the iDS every 15 minutes to check for new content to download.)

During the ‘Background connection’ you can continue to operate the iLiad as usual.

Warning: Enabling ‘Background connection’ will empty your battery faster.

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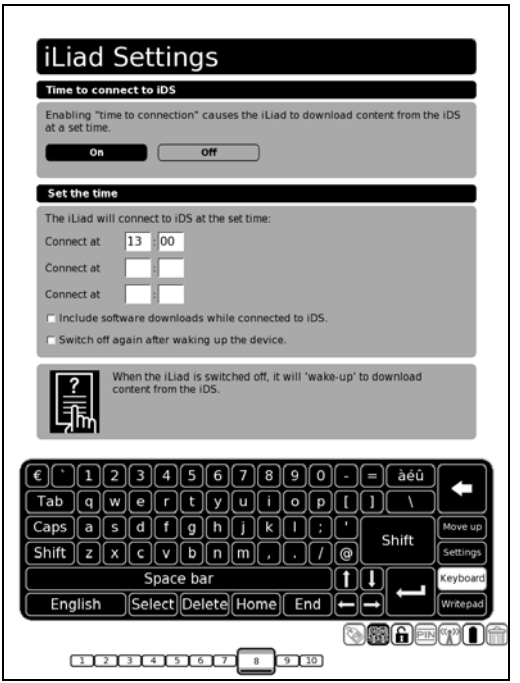
10.17 Time to connect to iDS



Enabling ‘time to connection’ causes the iLiad to download content from the iDS at a set time. When the iLiad is switched off, it will ‘wake-up’ to download content from iDS.

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If you select ‘on’ you will need to select the time when the iLiad will connect with iDS. Up to three different time sets can be filled in. (iLiad will connect on all time sets)
If you want to include software downloads (new release,…) check the box: ‘include software downloads while connected to iDS’.
The iLiad can be set to switch off after waking up the device, to accomplish this check the box: ‘switch off again after waking up the device’.

10.18 Time Selection

Here you can set current time and date on your iLiad. To set time and date, first choose the correct date then select the current time from the list.

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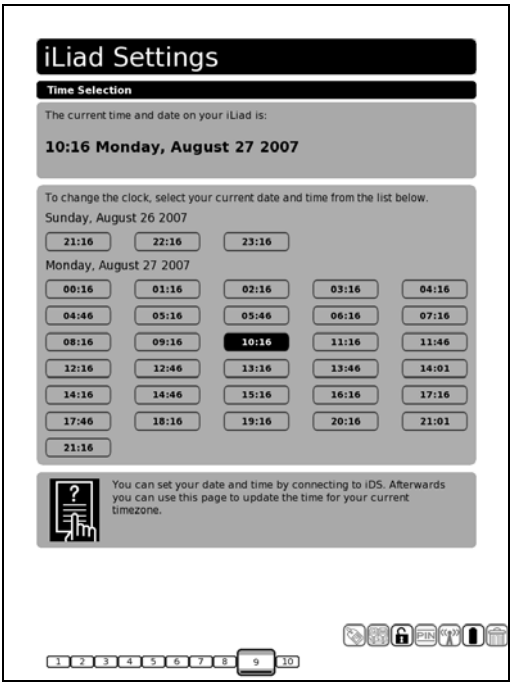

Note: you should first set your date and time by connecting to iDS. Afterwards you can use this page to update the time for your current timezone.

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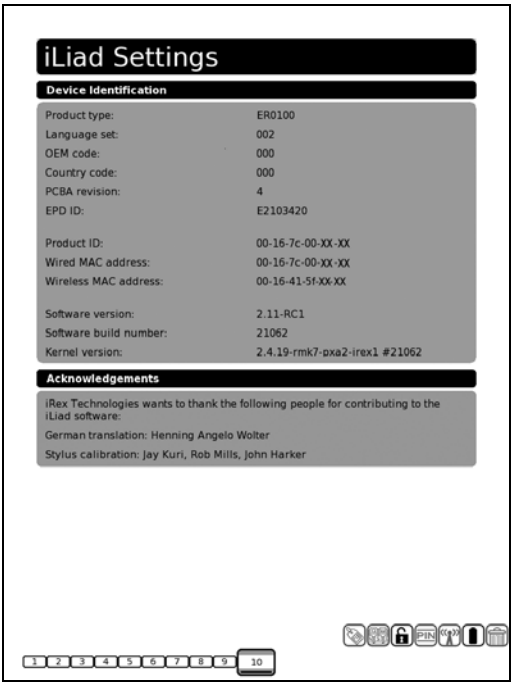
10.19 Device Identification

This is a device overview page with Wired/WiFi MAC Address, version numbers, software version, etc…


iLiad Settings
Device Identification
Product type: ER0100
Language set: 002
OEM code: 000
Country code: 000
PCBA revision: 4
EPD ID: E2103420
Product ID: 00-16-7c-00-XX-XX
Wired MAC address: 00-16-7c-00-XX-XX
Wireless MAC address: 00-16-41-5f-XX-XX
Software version: 2.11-RC1
Software build number: 21062
Kernel version: 2.4.19-rmk7-pxa2-irex1 #21062
Acknowledgements
iRex Technologies wants to thank the following people for contributing to the iLiad software:
German translation: Henning Angelo Wolter
Stylus calibration: Jay Kuri, Rob Mills, John Harker
1 2 3 4 5 6 7 8 9 10

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11 iLiad Network Profiles

The iLiad network profiles contain the configuration and settings for each separate network connection. You can configure a network profile for each different network that you wish your iLiad to use in order for easy access to the iRex Delivery Service (iDS) at all time.

One profile will be used as your preferred profile and will always be tried first by the iLiad when you wish to connect to the iRex Delivery Service (iDS) or a Computer. Once a profile is created it can be edited or deleted.

11.1 Network Requirements

In order to make a connection to the iRex Delivery Service (iDS) or to a computer the iLiad requires an active internet connection.

The iLiad is equipped with a WIFI 802.11g wireless LAN and a 10/100 MB wired LAN built-in the travel hub.

11.1.1 Wired Network Requirements

- Connect the travel hub to your network with an Ethernet cable. (See 5.2)
- To connect the iLiad to the network it is important that a router device is being used as the iLiad will not support a direct connection to your ADSL or Cable modem.

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11.1.2 Wireless Network Requirements

- Your wireless router device needs to have DHCP enabled to provide the iLiad automatically with an IP address. It is not possible at this stage to set a static IP address into the iLiad for a wireless connection. Most router devices will have DHCP enabled by default.

11.1.3 Dial-up Network Requirements

- You need a Compact Flash modem card (either GSM-data or CDMA), a SIM-card and a data subscription with your GSM operator or Internet Service Provider. You will also need to provide a telephone number, username and password which you can get from your provider.

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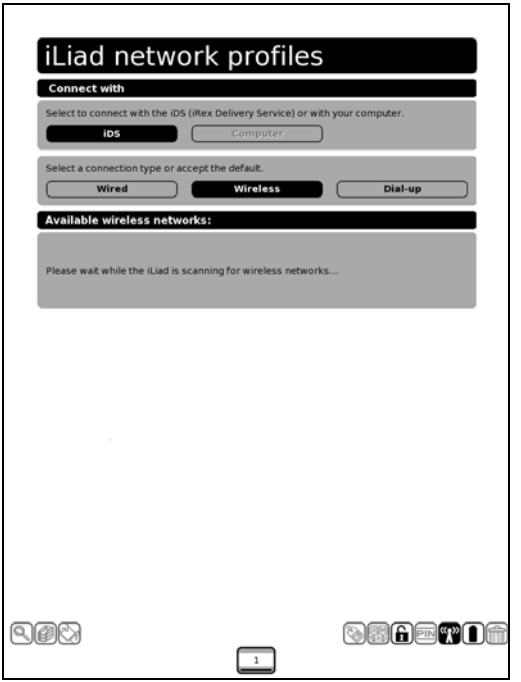
11.2 Network Profile Configuration

Quick way to create or edit a network profile: long key press on the connect button, you will see the following screen:



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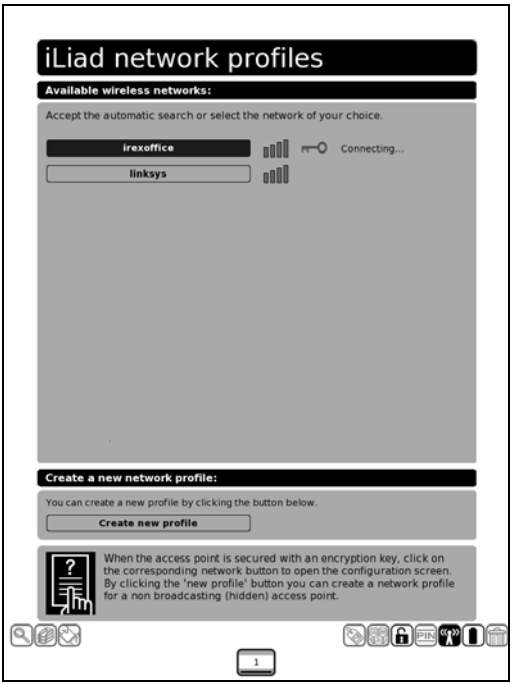
The iLiad will connect automatically to the network type you choose. (wired, wireless, dial-up)


iLiad network profiles
Available wireless networks:
Accept the automatic search or select the network of your choice.
irexoffice
Connecting...
linksys
Create a new network profile:
You can create a new profile by clicking the button below.
Create new profile
When the access point is secured with an encryption key, click on the corresponding network button to open the configuration screen. By clicking the 'new profile' button you can create a network profile for a non broadcasting (hidden) access point.
1

Screenshot above shows iLiad connecting to a secure wireless network.

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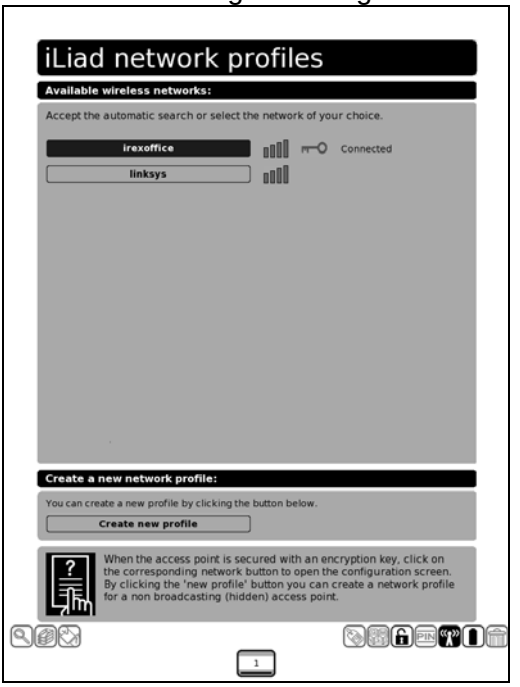
Note: secure networks are marked with a key symbol. The iLiad only shows WiFi profiles that are in they air. The signal strength indicator shows the wireless signal strength.


iLiad network profiles
Available wireless networks:
Accept the automatic search or select the network of your choice.
irexoffice
Connected
linksys
Create a new network profile:
You can create a new profile by clicking the button below.
Create new profile
When the access point is secured with an encryption key, click on the corresponding network button to open the configuration screen. By clicking the 'new profile' button you can create a network profile for a non broadcasting (hidden) access point.
1

If the connection was successful the iLiad will show ‘connected’. And will start to download content.

To create a new profile click the ‘create new profile button’.
If you have chosen wired go to chapter 11.2.1

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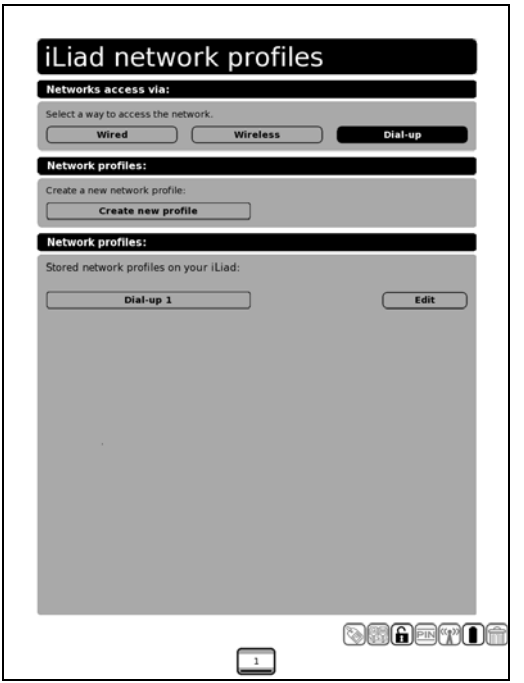
If you have chosen wireless go to chapter 11.2.2
If you have chosen dial-up go to chapter 11.2.3

Advanced way to create or edit a network profile: open the device manager and select the iLiad Profiles button. The following screen will appear.



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To create a new profile click the ‘create new profile button’.
If you have chosen wired go to chapter 11.2.1
If you have chosen wireless go to chapter 11.2.2
If you have chosen dial-up go to chapter 11.2.3

11.2.1 Creating a Wired Network Profile

In the iLiad network profiles menu select the ‘wired’ button. The iLiad will generate a list with previously stored wired networks. To create a new wired network, select the ‘create new profile’ button.

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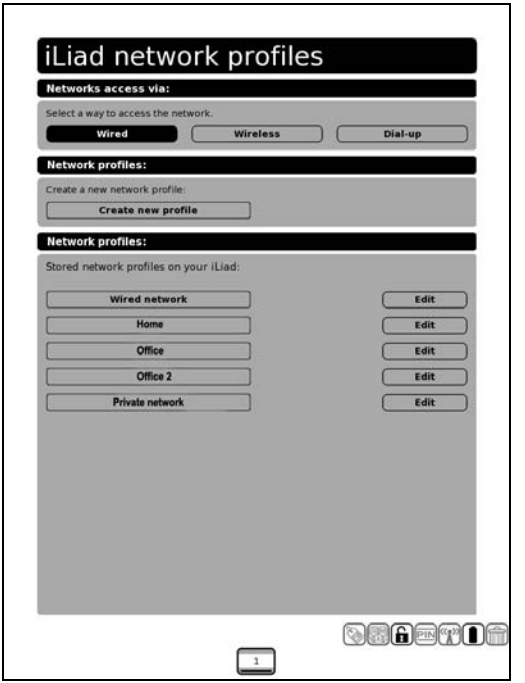

After you opened the wizard you will see the following screen:

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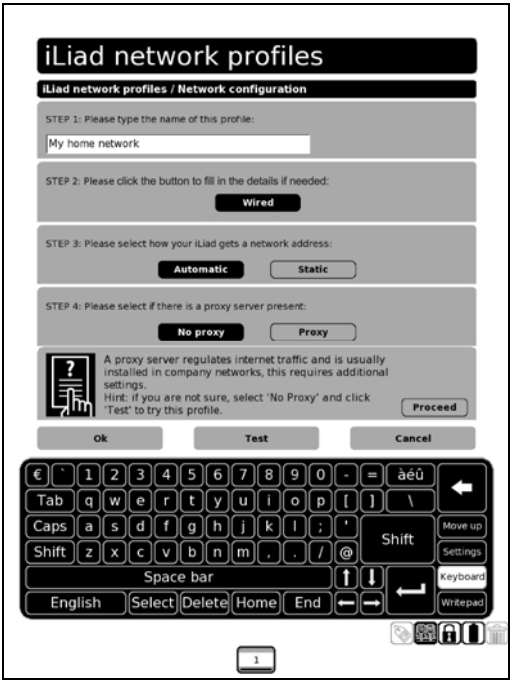

Step 1: Here you can enter the name you wish to give to the profile, using the stylus and the onscreen keyboard and click on Proceed.

Step 2: Wired is selected.

Step 3: Here you have to select how your iLiad gets an IP address. If your router device or network has DHCP you have to

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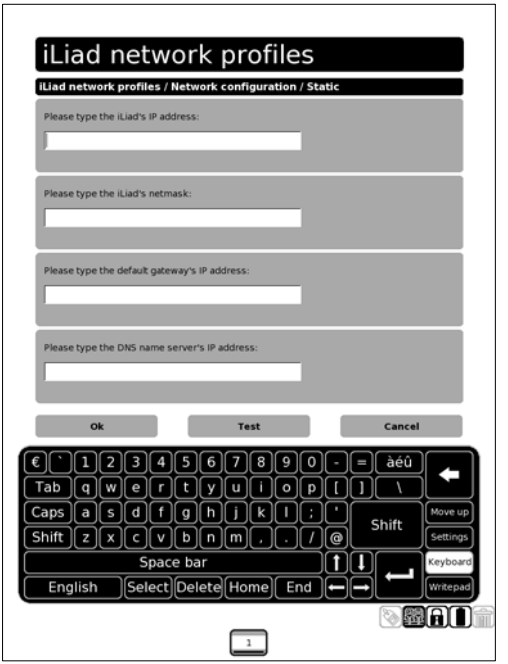
select automatic. If you want to set a fixed IP address click on Static and Proceed.

Hint: if you are not sure, select 'Automatic'.
If you have selected Static, you will be asked to enter an IP address for the iLiad.



In addition you also need to enter a subnet mask, the default gateway and the DNS.

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If you do not know the IP addresses of your subnet mask, default gateway and the DNS, contact your network administrator.

Step 4: If the network you wish to connect to is protected by a proxy server you need to click on Proxy otherwise select No Proxy (default) and click on Proceed.

A proxy server regulates internet traffic and is usually installed in company networks.
Hint: if you are not sure, select 'No Proxy' and click 'Test' to try this profile.

If you have selected Proxy you will see the following screen:

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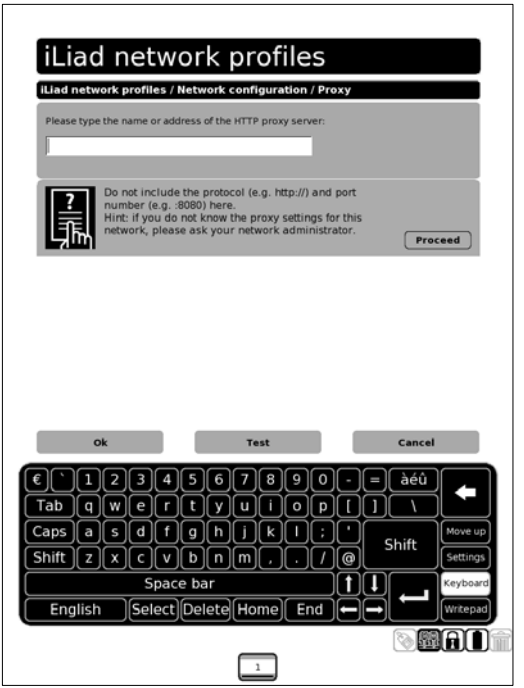

Here you can enter the address or name of the Proxy server and click on Proceed.

Note: Do not include the protocol (e.g. http://) when you enter the proxy address.
Now enter the port number for your Proxy server and click on Proceed (default port is 8080).

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For more information about the proxy configuration of your network contact your internet service provider or your network administrator.

Test: To test the created profile. The iLiad will try to connect to the iDS server and will give a message if the test was successful. This way you can test a profile before saving it to your Network profiles list.

Ok: To save the profile and go back to the iLiad network profiles list.

Cancel: To cancel the configurations you have created. The profile will not be saved and you will go back to the iLiad network profiles list.

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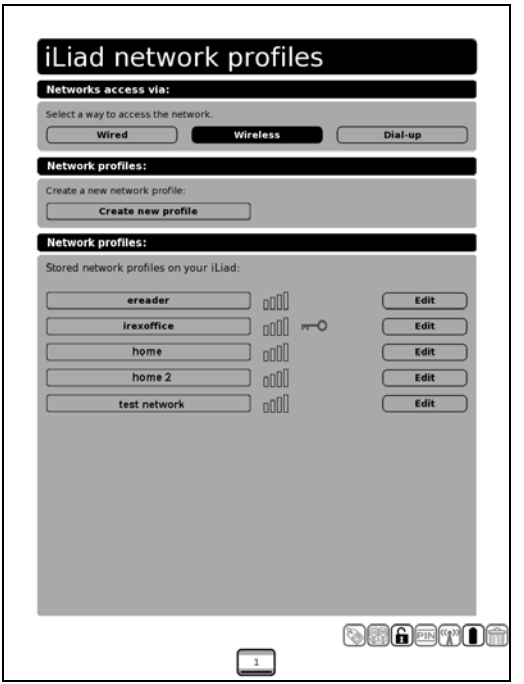
11.2.2 Creating a Wireless Network Profile

Select the wireless button and ‘create new profile button’ if you want to create a wireless profile



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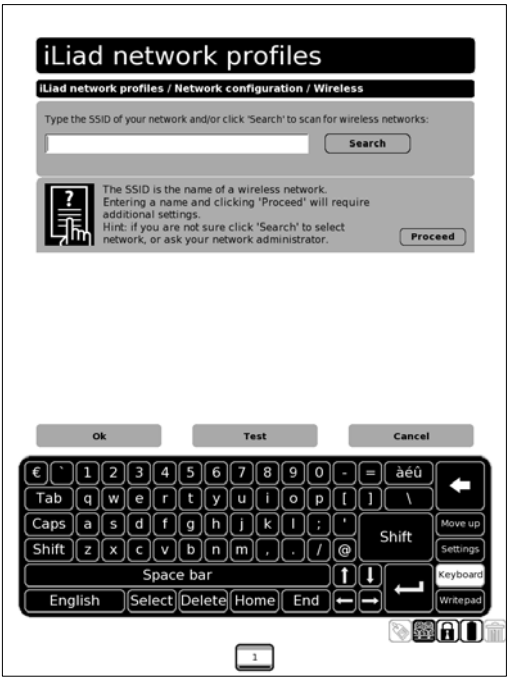
You will see the following screen:



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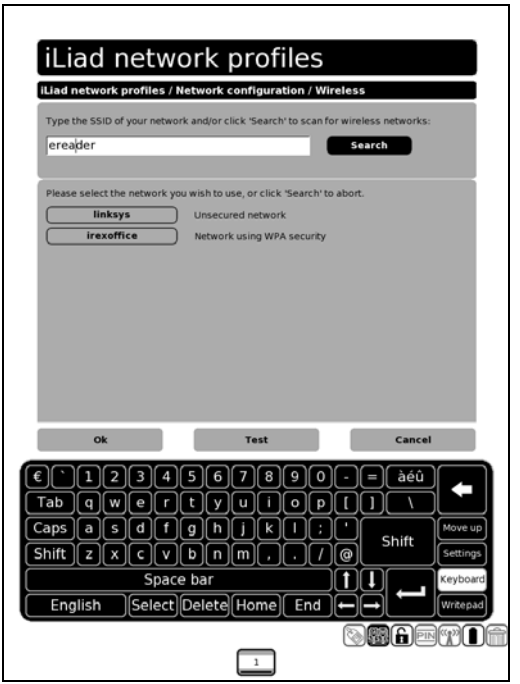
The SSID is the name of the wireless network. If you do not know the name of the network, you can click on search to scan for an available wireless network.

Note: Only broadcasted networks will appear in the scanned list.



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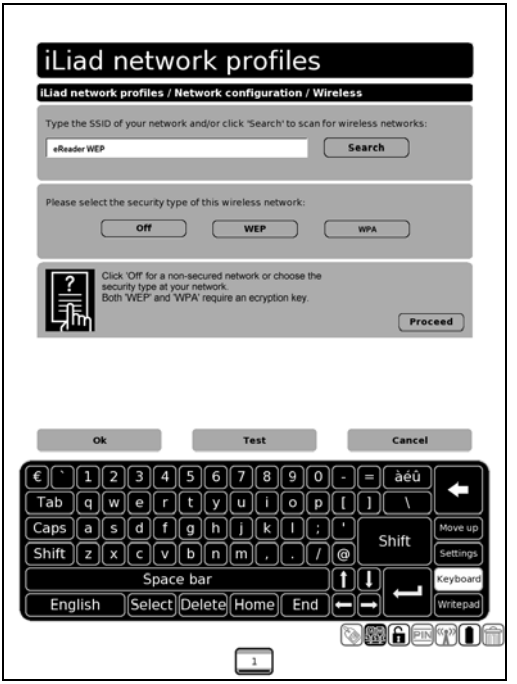
Otherwise enter the SSID, click on Proceed.



You will be able to select the security type of the wireless network.

- If the network is not protected, choose ‘Off’ and proceed the settings at step 5.

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- If the network is protected you can select WEP or WPA. Depending on the settings of your router you can select WEP or WPA. When your router supports both, WPA provides stronger protection and must be chosen in preference to WEP.

Note: Both security types require settings for the encryption key. This key can be entered after a wireless network has been chosen.

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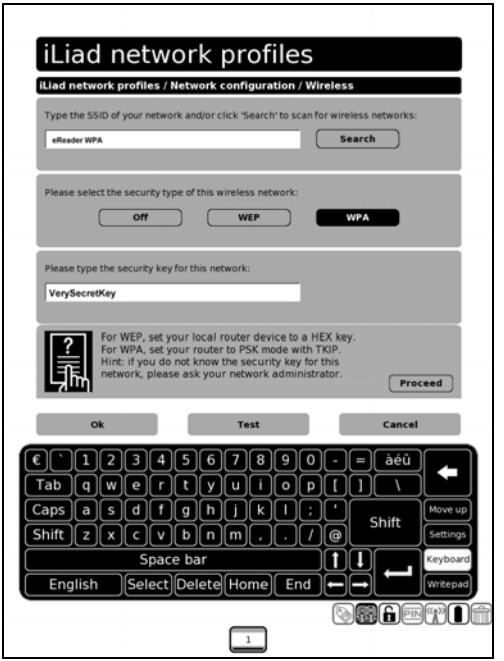
If you have selected WPA, set the network authentication of your router to the WPA-PSK mode (also known as WPA Personal mode) and the data encryption to TKIP.



The security key for this network is the shared secret / Passphrase that you entered in the wireless router.

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For more information on WPA security please consult the User Manual of your wireless network router or contact your network administrator.
Note: The iLiad does not support WPA-EAP

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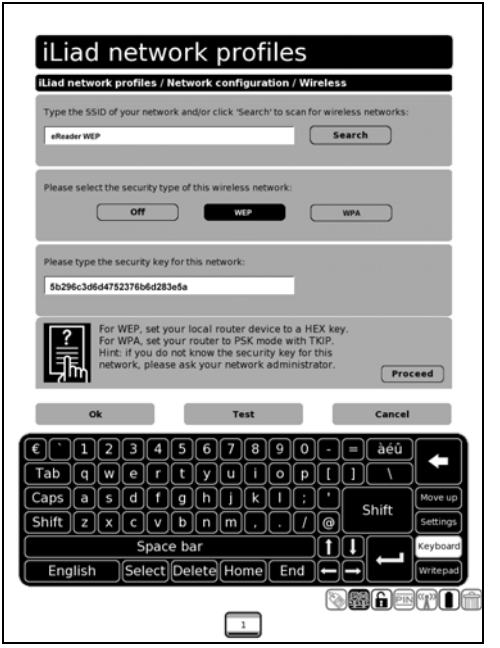
If you have selected WEP, you need to enter a Hexadecimal security key (using values 0-9 and a-f) to encrypt your network traffic and click on proceed.



Please set your local wireless router device to a Hexadecimal security key using values 0-9 and a-f. For more information on WEP security please consult the User Manual of your wireless network router or contact your network administrator.

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Step 1: Here you can enter the name you wish to give to the profile, using the stylus and the onscreen keyboard and click on Proceed.

Step 2: Wireless button will show, click on proceed
Step 3: Automatic button (if you choose static, the static button will show) will show, click on proceed

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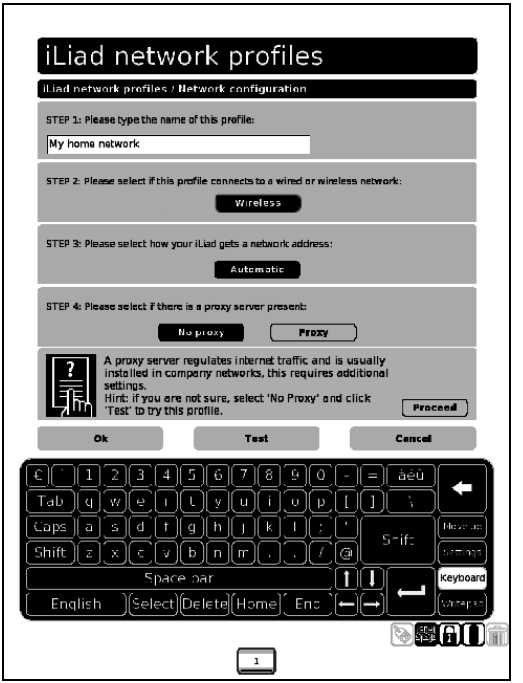
iLiad network profiles
iLiad network profiles / Network configuration
STEP 1: Please type the name of this profile:
My home network
STEP 2: Please select if this profile connects to a wired or wireless network:
Wireless
STEP 3: Please select how your iLiad gets a network address:
Automatic
STEP 4: Please select if there is a proxy server present:
No proxy
Proxy
A proxy server regulates internet traffic and is usually installed in company networks, this requires additional settings.
Hint: if you are not sure, select 'No Proxy' and click 'Test' to try this profile.
Proceed
Ok
Test
Cancel
Space bar
English
Select
Delete
Home
Esc
Keyboard

Step 4: If the network you wish to connect to is protected by a proxy server you need to click on Proxy otherwise select No Proxy (default) and click on Proceed.

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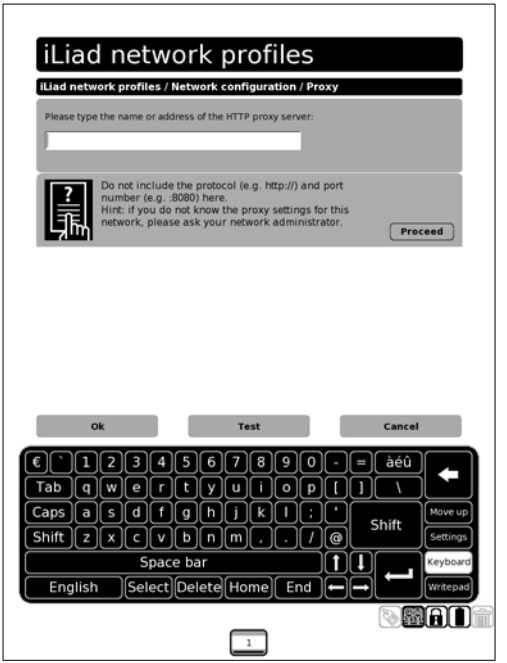
A proxy server regulates internet traffic and is usually installed in company networks. Hint: if you are not sure, select 'No Proxy' and click 'Test' to try this profile

If you have selected Proxy you will see the following screen:



Here you can enter the address or name of the Proxy server and click on Proceed.

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Note: Do not include the protocol (e.g. http://) when you enter the proxy address.
Now enter the port number for your Proxy server and click on Proceed (default port is 8080).

For more information about the proxy configuration of your network contact your internet service provider or your network administrator.

Test: To test the created profile. The iLiad will try to connect to the iDS server and will give a message if the test was successful. This way you can test a profile before saving it to your Network profiles list.

Ok: To save the profile and go back to the iLiad network profiles list.

Cancel: To cancel the configurations you have created. The profile will not be saved and you will go back to the iLiad network profiles list.

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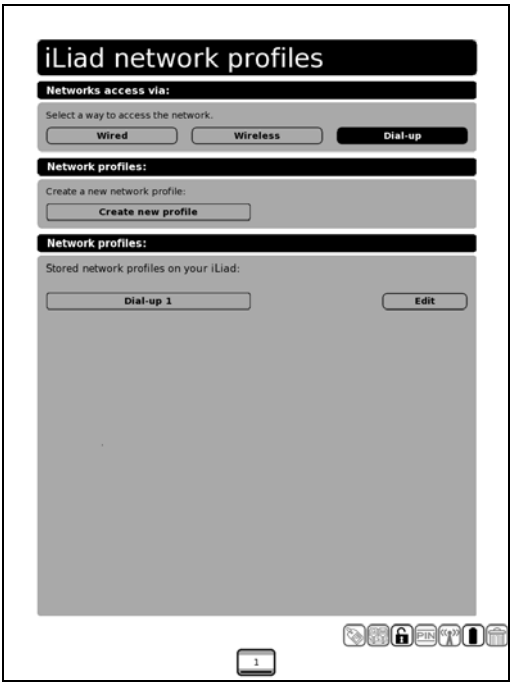
11.2.3 Creating a Dial-up Network Profile

Select the Dial-up button and ‘create new profile’ button if you want to create a wireless profile



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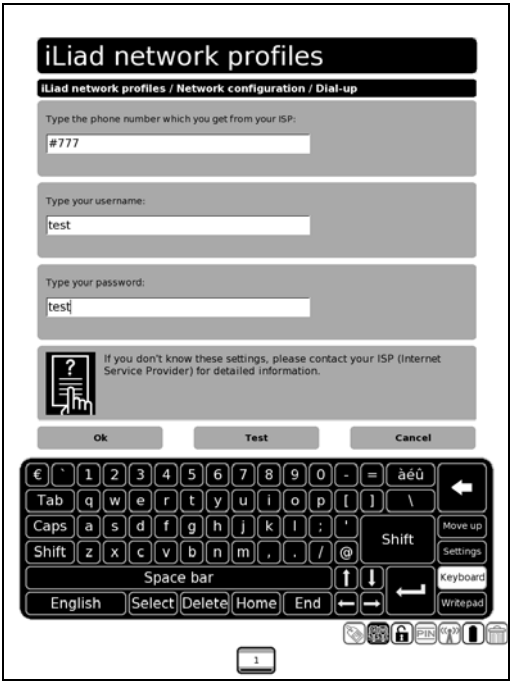
You will see the following screen:



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Fill in the logon credentials you received from your ISP: phone number, username and password, click on Proceed.

Note: if you don’t know these settings, please contact you ISP (internet service provider) for detailed information.

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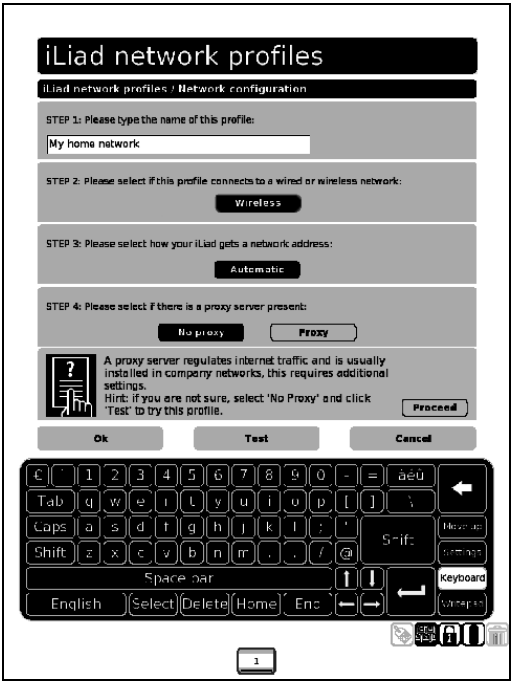
iLiad network profiles
iLiad network profiles / Network configuration
STEP 1: Please type the name of this profile:
My home network
STEP 2: Please select if this profile connects to a wired or wireless network:
Wireless
STEP 3: Please select how your iLiad gets a network address:
Automatic
STEP 4: Please select if there is a proxy server present:
No proxy
Proxy
A proxy server regulates internet traffic and is usually installed in company networks, this requires additional settings.
Hint: if you are not sure, select 'No Proxy' and click 'Test' to try this profile.
Proceed
Ok
Test
Cancel

Step 1: Here you can enter the name you wish to give to the profile, using the stylus and the onscreen keyboard.
Step 2: Dial-up button will show.
Step 3: Automatic button will show.
Step 4: If the network you wish to connect to is protected by a proxy server you need to click on Proxy otherwise select No Proxy (default) and click on Proceed.

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A proxy server regulates internet traffic and is usually installed in company networks.
Hint: if you are not sure, select 'No Proxy' and click 'Test' to try this profile

If you have selected Proxy you will see the following screen:

Here you can enter the address or name of the Proxy server and click on Proceed.

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Note: Do not include the protocol (e.g. http://) when you enter the proxy address.
Now enter the port number for your Proxy server and click on Proceed (default port is 8080).

For more information about the proxy configuration of your network contact your internet service provider or your network administrator.

Test: To test the created profile. The iLiad will try to connect to the iDS server and will give a message if the test was successful. This way you can test a profile before saving it to your Network profiles list.

Ok: To save the profile and go back to the iLiad network profiles list.

Cancel: To cancel the configurations you have created. The profile will not be saved and you will go back to the iLiad network profiles list.

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11.2.4 Deleting a Network Profile

Select the Wizard or Edit option of the profile you want to delete.

Select the field with the name of the profile, and remove the profile name using the Backspace key on the keyboard.

Now click on OK to delete this profile. This will bring you back to the iLiad network profiles and the profile you deleted will be removed from the list.

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12 The Scribble Function

The scribble function allows you to write notes, make drawings and create annotations in documents.

12.1 Supported Formats

The current software version supports the scribble function in the following file formats: PDF, JPG, BMP and PNG.

12.2 Using the Scribble Function

- When you open a file of the supported file format the toolbar will show the pen tools.
- You can write and draw using the pen tools as described in chapter 8.2.2.6.
- When you are done you can close the document by pressing the Up key.

12.3 Making Notes or Drawings

- When you make notes or drawings, the original JPG, PNG or PNG document and the annotations will automatically be saved in a new document
- The document will have the same name as the original document followed by the date and time. (e.g. Notes_2006_08_10_09-25-39)
- The notes or drawing are saved in two different formats: a picture (PNG file) and digitized form (IRX file) to use with MyScript Notes software.

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12.4 Annotations in PDF

- When you make annotations in a PDF document, the annotations will be saved along with the original PDF document in an IRX file.
- The annotations you make in PDF document are only visible when the PDF document is viewed on the iLiad.
- The IRX file can be used with the MyScript Notes software.

Note: In the future it will become possible to merge the annotation in the PDF document so that the annotations will also be visible when viewed on other devices.

12.5 iRex MyScript Notes®

The iRex MyScript Notes® is an additional software package for your PC to use with the iLiad.

The iRex MyScripts Notes® will allow you to convert handwritten notes with the scribble function into a powerful digital text on your PC. This software package is available on our website. You can download a 30 day free trial to try out this new software.

For more information on MyScript Notes® please visit: www.iRexTechnologies.com.

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13 iLiad Companion Software

The iLiad Companion Software is a free software package for your PC to use with the iLiad

The iLiad Companion Software will allow you to:

- Automatically create a backup of your iLiad
- Exchange files between a your iLiad and Computer
- Merge annotations together with the original PDF into a new PDF.
- Merge scribbles, notes or a series of images into a PDF document
- Print content from your Windows Clipboard in optimized iLiad format.

This software package is available for download on our website: www.iRexTechnologies.com.

See the iLiad Companion Software Manual for more information on how to install and configure the iLiad Companion Software.

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14 Upgrading Software Via iDS

14.1 Why the iRex Delivery Service (iDS)?

iRex: iRex stands for Interactive Reading experience.

Delivery: The iDS delivers your content with one touch of a button.

Service: New content can be delivered automatically to your iLiad.

Over the next months more functionality will become available through software releases. With one push on the button you can connect to the iDS and download the latest software release on your iLiad.

In order to benefit from these software releases you need to create an account.

14.2 Creating an Account

To connect to the iRex Delivery Service (iDS) you first need to create an account. This can be done easily by following the steps:

- Visit https://MyIrex.iRexnet.com/user.php/createuser and fill in your e-mail address in the box and press send.

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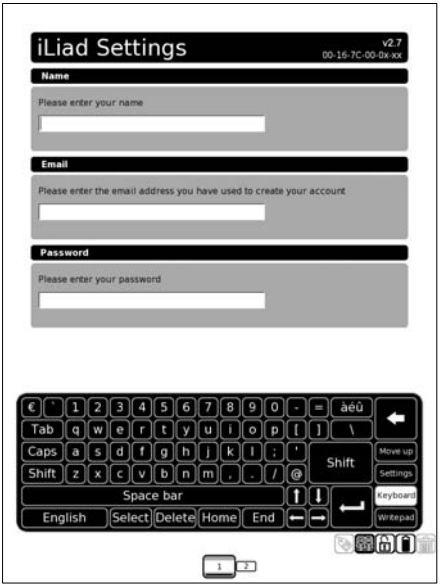
- You will receive an automatic e-mail with the password in your e-mail inbox.
- Configure the iLiad Settings in your iLiad and insert your e-mail address and the password you received.

Press the Device Manager Key (4.5) and select the iLiad Settings in the Device Manager.



Picture may differ from current software version.

In the first entry field you can enter any name you want.

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In the second entry field you have to enter the email address that you have used to create your account. This email address is your username.

In the third field you have to enter the password that you have received in your email inbox upon creating your account.

Note: This password can be changed (for more information on this see chapter: 14.2.)

Once you have set up a network profile (See 11.2 Network profile configuration) you will be ready to connect to iDS

14.3 Upgrading Software

Upgrading the software of your iLiad is as easy as clicking one button. The device downloads and installs the newest release automatically. This ensures your device will always run on the latest software available.

Step 1: Click on the '***Connect***' key for 2 seconds and select iDS.

- When a new software version is downloading the following messages will be displayed on the download screen. '***Downloading new software upgrade'***.

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- When a new software version is downloaded the following message will be displayed on the download screen for 5 seconds: ***'--- Download complete ---***'

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Note: Other content items may well be downloaded at the same time.

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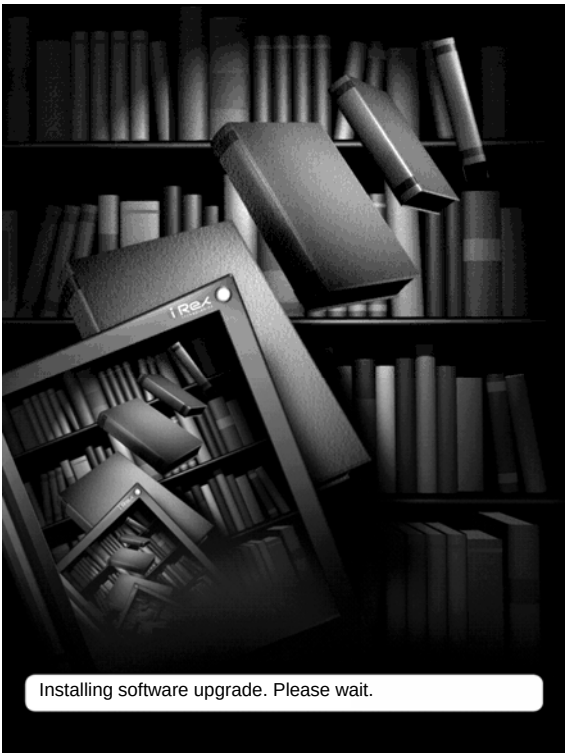
- The device will restart itself after the new software download, which takes up to 15 seconds. The message will be displayed, the display will turn to white.



Note: With any other download the device will return to display a list of downloaded items.

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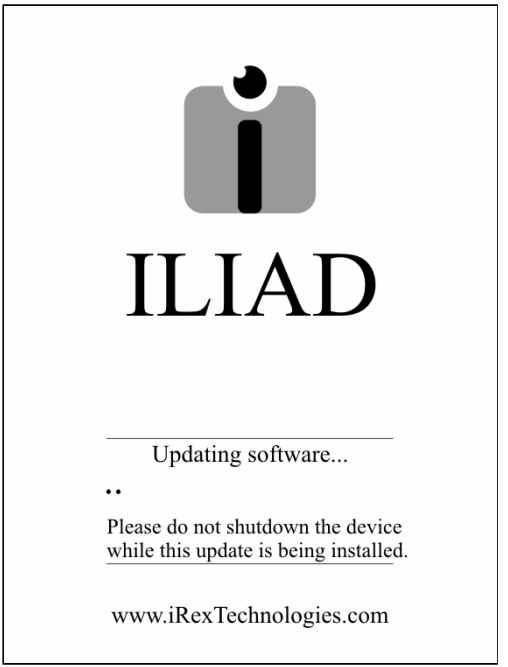
Step 2: The iLiad will now restart itself and will start installing the new software release automatically.



CAUTION: Please make sure the iLiad is NOT **reset** while the new software is being installed. If the installation is interrupted at this stage it will program the iLiad with incomplete software, rendering it unusable and you will not be able to reinstall it.

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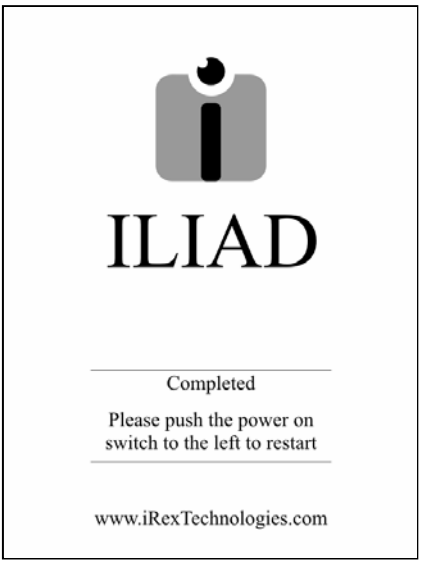
Your iLiad will then need to be repaired. After the new software has been installed the iLiad will restart automatically.



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When the device has started up again, the iLiad tries to connect to iDS again to download any additional packages that may be needed for the software upgrade. After this you can use your iLiad and try out the new features. Starting up the iLiad following an installation of a new software version, will take longer than a normal start-up.

Note: Download and installation instructions may differ from version to version. For detailed installation instructions per version please check the release notes on our website: http://www.iRexTechnologies.com/downloads/docs

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15 MyIrex

MyIrex will allow you to manage your content and user details. To use the MyIrex services you need a user account, this free account will also allow you to connect to the iDS to download software upgrades and content for your iLiad

In the future additional functionalities will be made available on MyIrex.

To visit MyIrex go to: https://MyIrex.iRexnet.com

To log on to MyIrex you need to enter your username (email address) and password, these are the same as those configured into your iLiad settings to connect to iDS (See Chapter 13.2 How to create an account).

At the moment there are two functionalities available in MyIrex: User details and Change password.

15.1 User details

Here you can enter or change your user details.

15.2 Change Password

This function allows you to change the password you have received in your email inbox when you created your account.
Note: Do not forget to change the password in your iLiad settings as well when you change it here (see chapter 13.2).

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15.3 Reset PIN Code

In case you have forgotten or lost your PIN code, you can reset your PIN code here.

Step 1: select the MAC address of your iLiad and click on Reset PIN code.

Step 2: Connect to iDS by pressing the connect button for 2 seconds. The iLiad will make a connection to the iDS server and download a package that will reset your PIN code.

Step 3: After the download, you will return to the PIN Code screen. Press on confirm to close the screen and continue to work. You can set a new PIN Code via the Pin Code menu in the iLiad settings, for more information on how to set a new PIN code see Chapter 10.11.

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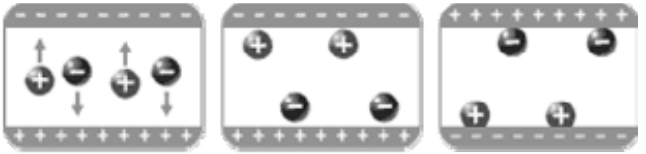
16 Electronic Paper Display technology

Basic principle

Brightly coloured, charged particles can be moved forward and backward in a dyed solution by applying an external electrical field. If particles are moved forward, the viewer "sees" the bright particles. If particles are moved backward, the viewer "sees" only the dye colour.

Advanced principle

oppositely charged bright and dark particles move through a clear solution.
If bright particles are moved forward, the perceived image is bright. If dark particles are moved forward, the perceived image is dark.



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The benefits of electrophoretic technology come to the fore with mobile and reading applications:

Mobile:
- Low power usage
- Light weight
- Rugged
- Thin

Reading:
- Close to paper readability
- Reading under all circumstances (outdoor)
- No screen flicker

Electrophoretic technology is not suitable for video applications.

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